The Mining Journal AND COMMERCIAL GAZETTE.

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 783 .--- Vol. XX.]

LONDON, SATURDAY, AUGUST 24, 1850.

[PRICE 6D.

WOLVERHAMPTON, SOUTH STAFFORDSHIRE.

ilway Contractors, Builders, Ironfounders, and Dealers, Wheelwrights, Biothers.—Large and important Sale of Railway Plant, Wrought and mr.Engine, Carts, Waggons, and other Carriages, Timber, Tools and bushs, by order of W. Hoof, Esq., who has completed his contract on the Si Birmingham Railway.

1 Birmingham Rallway.

R. THOMAS PAGE will SELL BY AUCTION, without
reserve, upon the premises a fjoining to the Canal and Stafford-street, Wolverton, on Monday, Tuesday, and Thursday, September 2d, 3d, and 5th, 1850, the whole

the very extensive STOCK OF RAILWAY PLANT AND BUILDING MATERIALS, STOCK OF RAILWAY PLANT AND BUILDING MATERIALS, Comprising nearly 1000 tons of wrought and cast-iron, 5-horse power steam-neagine and machinery complete, 150 strong earth waggons, 18 carts, 2 road waggons, strong iron engine carriage, capable of carrying 40 tons, timber carriages and stone trucks, from crabs, pile-driving machines, wood cranes and shear legs, ladders, scaffold poles and planking, wheelbarrows, several thousands of wood sleepers, and an immense variety of timber of nearly every description, smiths' portable forges, with tools complete; office fixtures and furniture, and an almost endless variety of other useful articles necessary for carrying on with facility the business of a large establishment.—The sale to commonce at eleven o'clock each morning.

Descriptive catalogues may be had one week before the sale, at the offices of the various papers is which the advertisement appears, and from the Auctioneer, Darlington-street, Wolverhamptons, Staffordshire.

Wolverhampton, Staffordshire.

SHROPSHIRE.—VALUABLE FREEHOLD ESTATES AND MANORS.
In the Parlishes of CHIRBURY and HYSSINGTON, in the County of SALOP,

MR. THOMAS EDWARDS will SELL, BY AUCTION, at
the Fox Inn, SHREWSBURY, on Thursday, the 26th day of September, 1850,
is one or more lots, and subject to conditions to be then and there produced.

Sate to commence at Five o'clock.

LOT I.—All that capital MESSUAGE, BUILDINGS, and LANDS, called KINTON
FARM, containing 206A. 3a. 39r., or thereabouts, and now in the occupation of Mr. John
Gittins, together with 536 acres of open COMMON LAND; and also the MANOR of
MIDDLETON, and the several Royalties apportaining and belonging thereto, which extend over an area of 1247A. 3a. 33r., together with the MINES and MINERALS lying
under the same, but subject to the existing lease to Messra. Ward and Co., under part
of the property.

ander the same, but subject to the existing lease to Messrs. Ward and Co., under part of the property.

Also, aundry SMALL TENEMENTS and LANDS, on and adjoining the before-menioned commons, now or late in the several occupations of Thomas Whettel, Richard Lee, Thomas Monford, desept Whettel, Sames Nicholas, late John Rudge, John Rumphreys, Thomas Clare, William Cross, and George Evanine, containing together 13a. 1a. 59: likewise that portion of a certain UOL OF WATER, which lies within the Manner of Mideleton, and occupied by the White Grid Ming Company within the Manner of Mideleton, and occupied by the White Grid Ming Company within the Manner of Mideleton, and occupied by the White Grid Ming Company within the Manner of Mideleton and Science of the Carlot of the Agriculturist or mineralogist. The farm lies is the best of the Carlot of the Ca

which vein runs into this manor, and is the favoured point remarked upon by Sir Roderick Impey Murchison in his geological work of this part of Shropshire, where no doubt a great body of ore exists.

There is an excellent Rabbit Warren on Middleton-hill, and a great portion of the commons will do well for cultivation.

LOT II.—All that FARM and LANDS, called MIDDLETON, now in the occupation of Mr. Vincent Precee, containing 43a. 2a. 10p., or thereabouts; together with a newly-erected COTTAGE, with a CLOSE of LAND, held by Join Gittins.—Also, a Field of LAND, at present occupied with the sheepwalk, and open thereto, containing 3a. 3a. 3p., together with TWO other TENEMENTS, in Middleton Batch, in the respective occupations of John Mellings and Richard Embrey, containing 5a. 0a. 2°, or thereabouts. This to is principally surrounded by the estates, of George Fritchard, Esq.; it also abuts upon Masers. Shaker and Knight's lands.

LOT III.—All that MESSUAGE, BUILDINGS, and LANDS, called MEDGE'S FOLD, in the occupation of Ann Lewis, containing 3a. 1a. 16p.

LOT VI.—All that FARM and LANDS, called STAPELEY, in the occupation of Mrs. Diana Montford, containing 14a. 3s. 12p., or thereabouts.

LOT VI.—All that FARM and LANDS, called STAPELEY, in the occupation of Mrs. All that FARM and LANDS, called STAPELEY, in the occupation of Mr. Aaron Evans, containing together 2a. 3a. 28p., or thereabouts.

LOT VI.—All that FARM, BUILDINGS, and LANDS, called STAPELEY, in the occupation of Mr. Aaron Evans, containing together 2a. 3a. 28p., or thereabouts.

LOT VII.—All these TWO PIECES, or PARGELS, of LAND, adjoining Stapely Farm, and now occupied by Jeremiah Francis, containing 3a. 28p.

This lot same are the Grit Mines, and adjoins the turnpike-road Jeading from Bishop's Castle to Shrewbury, and is a desirable investments for the small capitalist, or person s wishing to secure votes for the southern division of the county of Salop.

This lot is near the Grit Mines, and adjoins the turnpike-road Jeading from Bishop's Castle to Shre

is a control allotment about being made and we do to the control and dravel Mining Company, rick Inclosure Act.

The VEIN OF ORE, which is now worked by the Grit and Gravel Mining Company, reases these commons, which lie only about a quarter of a mile from the engine, and the traplice-road from Bishop's Castle to Shrewsbury passes over the said commons.

Plans and particulars may be had by application to Messrs. Robinson and Ourry, solitors, 13, Tokenboue-rate, London; Messrs. Mickieburgh and Son, land agents, Montomery; Thomas Norton, Esq., solicitor, or to Mr. Thomas Edwards, the auctioneer, when the solicitor is the solicitor of the company of the solicitor of the company.

CAST OF SCOTLAND MALLEABLE IRON COMPANY —The Directors have been authorised to RECEIVE OFFERS for the PURCHASE, or LEASE, of the MALLEABLE IRON WORKS at DUNFERMLINE—comprising a STEAM-ENGINE, of 80-horse power, working the machinery, consisting of FORGE and 2 PUDDLE BAR TRAINS, of 16 inches diameter, HAMMER and PATENT SHING-LING MACHINE; also a 16-inch MERCHANT BAR or RAIL MILL, a 12-inch MILL, for ordinary sized morehant bars, and an 6-inch GUIDE MILL, 13 PUDDLING FUR. NACES, and 6 MILL FURNACES—the whole capable of producing 120 tons of bar-iron weekly.

on weekly. A REFINERY STEAM-ENGINE, of 45-horse power, with blowing apparatus, co

A REFINERY STEAM-ENGINE, of 48-horse power, with blowing apparatus, comlete, and two free serected.

A complete SET of WORKSHOPS, contaming a 20-horse power STEAM-ENGINE,
riving a powerful roll-turning lathe, and blowing apparatus for anither free.

A PUMPING and CLAY MILL STEAM-ENGINE, of 16-horse power, used for the
assunfacture of free-brick, and pumping water for supply of engines.

Also, in course of erection, a STEAM-ENGINE, of 80-horse power, intended to drive
is mills apart from the forges, having strong cast-iron framing laid down, and machinery
ultable on the premises, which could be brought into active operation in a short period
Together with the necessary TOOLS, LOOSE MACHINERY and STOCKS, of difrent kinds.

Offers will also be received for the FURCHASE of the ESTATE of TRANSY, consist-log of about 107 imperial acres, with elegant MANSION-HOUSE and PLEASURE GROUNDS, situated about half a mile to the east of the town of Dunfermine, Applications may be made to Mr. James Inglis, Chairman of the Company; or to Johnstone, Russell, and Craig, writers, Dunfermine.—Dunfermine, March 15, 1850.

MPORTANT DISCOVERY OF SILVER LEAD MINES, near BRISTOL.—The attention of persons interested in MINING PROPERTY is particularly directed to these valuable SILVER-LEAD MINES, recently discovered, and proved at considerable expense. It is proposed to FORM a COMPANY to WORK these MINES, to be called the TICHINGTON HILL SILVER-LEAD MINING COMPANY, to be conducted on the Cost-book Principle, which, by Act of Parliament, exempts share-holders from any liability beyond the amount subscribed on their shares.

The sett, or grant, comprises about 80 acres, and is held direct from the Lord of the Manor, at 1-20th dues, or 5 per cent. on the produce, for a period of 21 years, from June, 1850. The situation is highly advantageous, being only 10 miles from Briatol, four from the Wickwart Station, on the Birmingham and Bristol Railway, and within 6 of the River Severa. Several very valuable lodes have been discovered, three of which have been explored to some extent, showing throughout indications of a highly metalliferous quality, which the reports will fully explain, and samples seen at the Company's offices.

From the peculiar situation of the lodes, and the natural character of the district, it is considered that expensive machinery will be unnecessary.

A considerable sum of money has been expended on the only required speculative outless, the lead being actually discovered. Gossan, finor-spar, sulphuret of barytes, and other indications of there being a largely productive mine, have been found, fully justifying the shareholders in anticipating a return on the capital invested, equal to the most valuable mine now working.

The mine is to be divided into 3072 shares; 2272 of these will be issued to the public, on which 43 per share is to be paid on signing the Cost-book; this sum the proprietors are fully assured will carry on the works offectually.

Various assays have been made, and the ore is found to be exceedingly rich in silver; one by Mr. Clements, of the Panther Lead-Works, Bristol, produced 55 per cent. of lead, an MPORTANT DISCOVERY OF SILVER LEAD MINES

MESSRS. CREFT, FULLER, & CO., 1, Royal ExchangeBuildings, have a FEW SHARES in SOUTH CARN BREA FOR SALE.—This
set is in decidedly the best metalliferous district in Cornwall, being situate between Carn
Brea, £15 paid, and worth £130; Wheal Basset, £10¢ paid, and worth £300; North
Basset and Wheal Builler (opened about 18 months since), £10 paid, and worth £500.
The cost-book and general superintendence will be under the same able management as
Carn Brea, which has divided about £1200 per cent. upon the sums invested, and the
sales of ore during the past quarter have realised upwards of £14,000.—(See Mining
Journal of July 6).

Messrs. C., F., & Co. can also TRANSACT BUSINESS in the following MINES:—
Genet Pages (Treat)

sers. C., F., & Co. can als Great Devon Consols South Basset Wheal Franco Penzance Consols West Wheal Friendship Lowis South Plain Wood Tincroft Condurrow

MR. JAMES CROFTS, of No. 4, KING-STREET, CHEAPSIDE, is encouraged to renew his recommendations to CAPITALISTS to turn their attention from Railways to MINES, as affording, after careful investigation of the merits of any undertaking presented to their notice, a SAFE MEDIUM for SPECULATIVE INVESTMENT.

nose who are particularly desirous of gaining information on the value of RAILWAY PERTY, are recommended to read the first article in " Dickens's Household Words." Burnday last.

Mr. CROFTS can procure SHARES in all the MINES of repute in the Tavistock District, and has FOR SALE specially—Heignston Down Consols (40 shares), Wheal Grebor West Seton, Wheal Langford (50 shares), Wheal Trescoll (30 shares), Wellington, Esgair Liee, Cwm Erfin, Liwynmalees, and in all the dividend mines; also Wheal Sanny and Wheal Vincent. A few Shares only remain for Sale in Wheal Sanah, for which an early application is requested.

6.7 Mr. Chopts is NOT A DEALER in SHARES for his own account, but acts exclusively for principals, and solicits communications from the country.—Dated August 3, 1850.

WHEAL SARAH.—The temporary financial difficulties of this Mine have been caused by a limited constituency—10 shareholders to 1036 shares. The SALE of the SHARES (see the preceding advertisement), at a nominal price, will continue until the list of new adventures can be finally closed, and a SPECIAL MEETING will be HELD on Monday, the 24 September, to decide on the future and vigorous working of the mine. It may be remarked, that large holdings in a mine are usually disastrous—the only exception to the rule being that of the Devonshire Great Consols, and some few others, where, it must be admitted, the largest holders have been the most fortunate.

ne most fortunate.

To carry out what is believed to be a sound, but certainly a safe, principle, and to adance a step in the science of mining, it has been decided that no offer shall be accepted or more than 30 shares in Wheal Sarah.

No. 4, King-street, Cheapside, August 24, 1859.

BICTON CONSOLS, situate in the parish of LINKINHORNE, COUNTY OF CORNWALL.

Divided into 1924 shares.—Deposit £2 5s, per share.

The LOCALITY of this SETT, together with the relative position which it bears to the Trolawny and other productive Lead Mines of the district, is too well known to require further description than given in the following. REPORT.

REPORT.

Bicton and Scrawsden sett (now called Bicton Consols), is situate in St. Ive, Cornwall, and is one of the most extensive setts in the district; it lies in killas, between the granite ranges of Caradon and Heignaton, in the centre of an extensive and tried mining district, having in the north and west the Caradon and Pisemiz Mines, and on the seat the Homebush and Callington Mines, and is to the north of Troiswny, Mary Ann. Treinane, &c., run of lead mines. Three large north and goult lead lodes have been cut; the eastern of these is 6 feet wide, 4 aget of which is gossan, and the remaining 2 feet a very fine flookan. The next lode is about 50 feathoms further west, very similar in character, and is about 2 feet wide. These lodes have been traced a mile in the sett. It is impossible to see finer indications at the surface than these flodes present, and the district being a proved one, there is every probability of their producing abundance of lead.

(Signad)

SAMUEL RICHARDS, Trehane Mine. RGBERT DUNSTAN, West Caradon. SAMUEL SECCOMBE, Phænix Mines JGSEPH KEMP, Trelawny.

JGSEPH

TYN-Y-WORGLOD SLATE QUARRIES

NORTH WILES.

Capital £16,000, in 4000 theres, of £4 each.

This COMPANY is now WORKING a part of the GREAT BANGOR SLATE BED, situate about 6 miles from the port of Carnarvo, held under lease for 21 years. The estate joins the celebrated Quarries of Peny-bryn, Penworsad, Dorothea, and others, all of which have been paying enormously for mary years. A transmond adjoins the quarries to carry down the slates to the shipping ports. The SLATE of TYN Y-WORGLOD has the same beautiful pink hue, delicacy of grain, fine texture, elasticity, soundness of metal, and all the good qualities of the Pennant Slate.

The quarries are most advantageously situated for economical workings —no machiner being required as adjuncts for several years: the lie of the slate now taken from the great vein, already proved 50 yards in breadth, and the immense blocks of the soundes description of alate now being produced, are is themselves ocular proofs of the rich productive nature of the quarries.

The past outlay of the company has put the works in a state of present profit; and then the vein is further developed, to allow from the extension of bargains, it is stimated that these quarries will produce a puffit of upwards of £12,000 a-year, and that y the work of 100 men only.

by the work of 100 men only.

The business of the Company is managed on the Cost-book System, by a board of diectors in London, with a purser, and the necessary agents at the quarries.

Further particulars may be obtained at the offices of the Company, and by reference to the engineers' and agents' reports, always open to inspection.

The few remaining shares not yet subscribed for are offered as a source of permanent necess—an application for which may be made at the office of the Company, 52, Thread-seedle-street, where attendance is daily given.

JOHN FISH, Secretary.

UNITED MINES, TAVISTOCK (including the TAVISTOCK AND WHEAL ANDERTON SETTS).

In 1024 shares, at £10 oach—Ducs One-fifteenth.

CONDUCTED ON THE COST-BOOK SYSTEM.

These mines are situate about one mile to the south of Tavistock, in the killas between the granite ranges of Heigaston and Dartmoor, having on the north Wheal Friendahip which has returned a profit of upwards of 600,000, and continues to pay large dividends: on the north-west, the Devon Great Consols (Grunerly Wheal Maria); and on the south Wheal France; and one of these lodes, now being worked on, is the main east and west lode, on which Gunnis Lake, Liscombe, Crebot, and Crowndale were wrought, and which have returned profits exceeding 1,000,0001.

Four east and west, and two north and south (lead) lodes traverse this sett.

Four east and west, and two north and south (lead) lodes traverse this sett. The machinery on the mine consists of a 30-inch cylinder steam-engine, with 90 fms. of excellent pumps; a 28-inch cylinder drawing engine, with 24 heads of stamps attached; two water-wheels, and all necessary buildings.

The peculiar advantages offered by this undertaking arise from the very great saving of money and time consequent on the purchase of the Wheal Anderton Mine and materials, by which the Wheal Ash lodes in the Tavistock Consols sett may be cut at about 100 fms. from surface; this is expected to be effected within three months from the present sime, and the work done in the Tavistock Consols leavailable to this company. Upwards of 400 of these shares are taken bypersons resident in the district.

Further particulars may be obtained, and plans of the mine seen, at the offices of the company, 28, Threadneedle-street, London; qr of Mr. J. Elliot Square, the purser, Plymouth.

A STURIAN MINING COMPANY.—Notice is hereby given, that a SPECIAL GENERAL MEETING of the shareholders in this Company will be HELD at the offices, 9, Austinfriars, in the city of London, on Tuesday, the 10th day of September next, at One o'clock precisely, to take into consideration a petition presented to the Court of Chancery, under the Wiedling-up Acts, by Messrs, Joseph de Vitro, Michael Forristall, Thomas Glass Lowder, and Robert Moore, to decide upon the abrogation of the whole or any of the powers of the Board of Directors and Liquidators, which were suspended at a Special General Meeting of the shareholders, held on the 19th July last, and conferring additional powers on the Trustees and Committee to facilitate the final settlement of the affairs of the Company; and also to withdraw or vacate (if necessary) a Power of Attorney given, or alledged op have been given, by certain Directors and Liquidators to Messrs. John Joseph Kelly, of Gijon, and George Lambley, of Mieres (kingdom of Spain), and to receive and consider a report (if it be then celivered) of Messrs. James Scott, Michael Forristall, T. G. Lowder, and Robert Moore, the Committee of Investigation appointed in August 1849.

By order of the Trustees and Committee,

8, Austinfriars, London. August 39, 1850.

K. Mackenzie, Secretary. STURIAN MINING COMPANY .- Notice is hereby given.

WANTED, -A Young Man, 21 years of age, who has from V his birth been accustomed to Mining, Assaying, Suveying, and every other branch of Mining, is desirous of OBTAINING a SYTUATION, as CAPTAIN, CLERK, SURVEYOR, or ASSAYER, to any respectable company, either in this country or abroad, at an annual salary. Testimonials can be given as regards character and ability. Address "G. M.," Post-office, Callington.

TO IRON MASTERS AND MANUFACTURERS
GENERALLY.—The ADVERTISER, a Gentleman respectably connected, of
thorough business habits, 26 years of age, and compotent to fill a situation of responsibility, wishes for a PERMANENT ENGAGEMENT. He has a thorough practical knowledge of the Manufacture of Merchant and other fron, and the Management of Coal Mines.
Would have no objection to take the entire Charge of a Manufactory or the Management
of the Books, &c. Security to any amount, and satisfactory reference as to character,
can be given,—Apply by letter only, to "Z. W., 081," at the office of the Mining Journal,
26, Fleet-street, London.

TO ENGINEERS AND CAPITALISTS.—An ENGINEER of considerable experience has had a valuable CONCESSION, or LEASE, made to him, upon very favourable terms, of one of the BEST GOLD MINING PLOTS IN CALIFORNIA, with an extensive GHANT of AGRICULTURAL LAND, immediately contiguous to a navigable river, in the best part of the Gold Regions. He is desirous of meeting with a CAPITALIST to ASSIST in CARRYING OUT the same.—Address by letter to "A. B.," at the office of the Mining Journal, 26, Fleet-street, London.

TO MINERAL PROPRIETORS IN COAL AND IRON-of a PUPIL, for a term of three years.—Address (by letter) "H. H.," at the office of the Mining Journal, 26, Fleet-street, London.

TO LEAD SLAG HEARTH SMELTERS.—WANTED, for a SOUTH AMERICAN SILVER MINE, a FEW EXPERIENCED SMELTERS, who thoroughly understand WORKING the LEAD SLAG HEARTH. They must be competent to build their own Hearths, and to take, in every way, the management of the same. Those men will be preferred who have also a knowledge of any useful trade, such as those of Brickmaking, Bricklaying, Smiths' work, or Carpentering.

The average passage to the mines is from 45 to 50 days, and the climate warm, but healthy. None need apply but those whose character will bear the strictest investigation, especially as to sommer and general moral conduct. The manager of the smelting department at the mines is from Cornwall.

Apply to Messrs. Powles Brothers & Co., London; or to Capt. Wm. Richards, Redruth

SUNDERLAND NAVIGATION AND HARBOUR ACT.

SUNDERLAND NAVIGATION AND HARBOUR ACT.

TO CONTRACTORS AND OTHERS.—The COMMISSIONERS of the RIVER WEAR are desirous of RECEIVING TENDERS for the REMOVAL of a LEDGE OF ROCK, situated below low water mark, in the RIVER WEAR, opposite the Sunderland Dock entrance.

Plans and specifications to be seen after Monday next, at the office of Mr. Thos. Meik, their engineer, at the Pier and Harbour Works, Sunderland, from whom further information may be obtained.

Sealed tenders, addressed to the clerk, to be delivered on or before Saturday, the 31st inst., at its office, No. 3, William-street, Bishopwearmouth.

The Commissioners do not bind themselves to accept the lowest tender.

Bishopwearmonth, August 14, 1850.

ONDENSING STEAM-ENGINE.—TO BE SOLD,
BY PRIVATE CONTRACT, an excellent CONDENSING STEAM-ENGINE, nominally of 20-horses power, but capable of working to fully 30, made since 1840, by Boulton and Watt diameter of cylluder 25s inches, stroke 3 feet 6 inches; two Cornish bollers
to the same, each capable of working the engine, and weighing together over 14 tons.
The whole complete and in excellent condition. Also, a cast-iron tank over the enginesouses, capable of holding about 7000 gallons.
For particulars apply to Ransomes and May, Ipswich.

TEAM-ENGINE FOR SALE.—TO BE SOLD, BY PRIVATE CONTRACT, a 32-inch cylinder STAMPING ENGINE, single acting, 9 feet stroke in cylinder, with steam case, boiler, about 11 tons, and axies and frames for 77 heads.—Applications to be made to Hooking and Loam, engineers, Redrath.

Dated June 26, 1850. TEAM - ENGINES.—WANTED, a good SECOND-HAND 80-inch CONDENSING PUMPING ENGINE, with a 12-ton boiler; also, a good SECOND-HAND 50-inch ENGINE, with a 12-ton boiler.—Application to be made to Messrs. Nicholis, williams, and Co., engineers, Bedford Iron-Works, Tavistock, Devon.

MINING COMPANIES of respectability requiring OFFICES for CARRYING ON their AFFAIRS in LONDON, including MANAGEMENT, may be accommodated on application to Mr. Fenton, Mining Offices, No. 5, White Hartcourt, Lombard Street

MINING PROPERTY.—Mr. HERRON has SHARES in the best DIVIDEND MINES FOR SALE, and which will give to the purchaser I7 to 25 per cent. for the outlay; amongst others are the following:—Wheal Mary Ann, Trelawny, West Caradon, Callington, Great Devon Consols, Bedford United, Aifred Consols, Wheal Margaret, Levant, Whoal Seton, South Basset, South Toigus, Holmbush, Tresavean, Trethellan, Treleight, and Tineroft—Imperial Brazilian, United Mexican, St. John del Rey, Coplapo, and Linares Mines.

MINING OFFICES-33, CLEMENT'S-LANE, LOMBARD-STREET. MINING PROPERTY.—BUSINESS transacted in every description of MINING PROPERTY, SHARES BOUGHT and SOLD, ADVICE GIVEN to PARTIES as to INVESTMENT, ADVANCES OF MONEY MADE on this DESCRIPTION of PROPERTY, Statistics given on Mines, and the earliest information obtained from the mineral districts.—Apply to DURRANT & CO., Mining Sharebrokers, 98. Lombard-street.

MR. R. TRIPP, MINING AGENT is instructed to BUY and SELL in most of the best DIVIDEND-PAYING MINES; also in NEW ONES, having present and prospective advantages—including Devon Great Consols, Wheal Reeth, Wheal Margaret, South Caradon, Comfort, Wheal Tremayne, Alfred Consols, Penzance Consols, Penzance Consols, Penzance Consols, Penzance Sellocon, Bodmin and Carthew Consols, Tolearne, West Wheal Virgin, Wheal Trescoll, Wheal Golden, Wheal Penhale, Runnaford Coombe, Tincroft, Treleigh Consols, &c.—FOREIGN: Santiago, Asturian, Linnares, and Copiago.

MINING AND SHARE OFFICES, ST. MICHAEL'S CHAMBERS, ST. MICHAEL'S-ALLEY, CORNHILL, LONDON.

MESSRS. BOXALL & CO., MINING SHARE DEALERS, 6, CROSBY HALL CHAMBERS, BISHOPSGATE-STREET. MESSRS. WATSON & ENSOR, MINING AGENTS,

JAMES LANE, MINING SHARE DEALER, 80, OLD BROAD-STRBET, LONDON.

PRITISH AND FOREIGN MINES, RAILWAY SHARES,
DEBENTURES, CONSOLS, FOREIGN STOCKS, AMERICAN, and other PUBLIC SECURITIES, DEALT IN at the CURRENT RATES of the day, for money or time.
LOANS CONTRACTED, and MONEY AGENCIES undertaken upon liberal terms.

JAMES S. TRIPP & CO., LOMBARD-STREET CHAMBERS, CLEMENT'S-LANE, LOMBARD-STREET,

BODMIN CONSOLS.—Notice is hereby given, that a MEETING of the adventurers in these Mines will be HELD at the offices of the Company, No 2, Royal Exchange-buildings, on Tuesday, the 27th inst, at One o'clock precisely, to elect the officers of the Company, and to transact other important business. WILLIAM MURRAY, Secretary.

COPIAPO MINING COMPANY.—Notice is hereby given, that a DIVIDEND of EIGHT SHILLINGS per share will be PAID on the shares of this Company, at the office, 22, Austinfriars, on Monday, the 14th October next, and following days. The dividend warrants are required to be left at the office two days for examination.—Please call between the hours of Twelve and Two.

By order of the directors,

ROBERT CLARK.

22, Austinfriars, August 14, 1850.

OURT GRANGE SILVER-LEAD MINING COMPANY. OURT GRANGE SILVER-LEAD MINING COMPANY.

—The BUSINESS of this COMPANY is REMOVED, from No. 22, New Bridgestreet, Blackfriars, to the OFFICES of Mr. SFILLER, No. 9, OLD JEWRY CHAMBERS,
where it is requested that all communications and correspondence relative to its affairs
may be addressed.

By order of the Committee of Management,
August 14, 1850.

W. C. SPILLER, Secretary.

A SSAYING AND ANALYSIS.—ASSAYS and ANALYSES A SEAT ING AND ANALISIS.—ASSAIS and ANALYSES of MINERALS, METALS, SOILS, FURNACE, and all other MANUFACTURING PRODUCTS. INVENTORS and INTENDING PATENTEES assisted in PERFECTING any INVENTION involving an intimate knowledge of chemistry.

INSTRUCTION in all branches of ASSAYING, ANALYSIS, and METALLURGICAL and MANUFACTURING CHEMISTRY.

Communications to be addressed to Mr. Mitchell, 23, Hawley-road, Kentish Town.

COMPANIES PROCEEDING UNDER THE WINDING-UP ACT.

COMPANIES PROCEEDING UNDER THE WINDING-UP ACT.

The Colonial Society.—Petitions have been presented for winding-up the unsettled affairs of this undertaking, which was established at the West-end as a rendezvous for persons interested in our colonial possessions, and for the purpose of diffusing information at home respecting their various resources. There were upwards of 400 members at home and about 200 abroad, who paid the entrance fee of a guinea and annual subscriptions. A journal was published periodically of the various colonial occurrences. Guarantees were entered into by 106 of the members to be responsible to each other for 102, per annum for three years, thus constituting a fund of 32102 for the purpose of giving a credit to the provisional committee, and leans were made to the society by its members for which they received the society's debentures of 102 each. The balance of uncovered liabilities was reduced from 80002 to 45782, by the payment of 102, by a number of subscribers. Amongst other debts owing by the society is one of 40002, for which Lord Mountcashel, one of the committee, has been sued by the Commorcial Bank of London, and made various payments, and for which his lordship now seeks to be re-imbursed, alleging that he is 70002, out of pocket by the affair. It is computed that as there remain 150 members, if each agree to pay 707, the outstanding lialitities may be discharged.

UNIVERSAL SALVAGE COMPANY.—The list of contributories has been finally settled by Master Farrer; and a call is about to be made to defray the liabilities of the concern, which was started with a proposed capital of 100,0002, in 4000 shares, on which a call of 32. 10s. was made, for the purpose of raising wrecked and sunken vessels over bars or shallows, by the buoyant application of prepared India rubber bags inflated under water, and by other mechanical contrivances. Experiments for this purpose were made, but for want of adequate support the undertaking failed.

Gereat Rolling affails and the suppose were made, b

contrivances. Experiments for this purpose were made, but for want of adequate support the undertaking failed.

GREAT NORTH OF ENGLAND BANKING COMPANY.—Master Farrer, who has for a considerable time past been engaged in winding-up the affairs of this bank, has made some heavy calls on the shareholders to discharge the liabilities, which, according to the statements of the petitioners for winding-up the concern, amount to 300,000%. The petitioners act forth that the bank was started with a capital of 400,000%. The petitioners act forth that the bank was started with a capital of 400,000% in 20,000 shares of 20% each, and they believe that as the deed was only executed by some of the shareholders its provisions were inoperative and void. Profits in carrying on the business from 1832 to 1847 were considerable, and considerable sums were allotted to the shareholders in dividends, but on its affairs becoming embarrassed in the latter year the London and Westminister Bank, who were the London correspondents, declined to honour its draughts, and the company ceased business. The directors set about realizing the assets, and to meet urgent demands and a multitude of actions made a call of 51, per share, by which 50,000% was raised, but many shareholders refused to pay. Two subsequent calls of 51, per share were made to pay off incumbrances, but they produced less than the first. In 1848 the liabilities as rendered by the company had been reduced to 444,232%, being a reduction of 184,867% since 1847, and of 1,420,632% since the period when the bank stopped payment. A sum of 89,306% had been received on calls, and the deficiency to be met by the shareholders was 87,373%. A fourth call of 51, was afterwards made, but being inadequately responded to, it was resolved to bring the settlement of the affairs of the concern under the operation of the Joint-Stock Companies' Winding-up Act.

St. George Steam-Packet Company.—Calls of 35% on the 100% shares and of 84, 155, on the 25% shares have been made by Master Farrer, in the

ST. GEORGE STEAM-PACKET COMPANY.—Calls of 35t. on the 100t. shares and of 8t. 15s. on the 25t. shares have been made by Master Farrer, in the winding-up, to pay off liabilities, of the affairs of the company, which was established in Ireland for steam navigation purposes between Cork and other places.

BIRKENHEAD, LANCASHIRE, AND CHESHIRE.—This company has just recovered, at common law, unpaid calls of 10t per share, from a shareholder in default, amounting to 1000t.

Birkenhead, Lancashirr, and Cheshire.—Inis company has just recovered, at common law, unpaid calls of 10th per share, from a shareholder in default, amounting to 1000t.

Hereford and Merthyn Tydyll.—Master Richards has appointed Mr. Wryghte, official manager, to wind-up this company's affairs, on the petition of the Hon. Fitzhardinge Berkely, M.P., who states that it was projected with a capital of 400,000th, in 20,000 shares of 20th each. The promoters set forth that, in conjunction with the Gloucester and Aberystwith, it was to "form a grand trunk line for central Wales." A large number of shares were applied for and distributed, and considerable sums of money came into the hands of the managing committee, of which petitioner alleges they have given no account to the shareholders, and a considerable sum remains to be applied in meeting outstanding liabilities, which exist to a large amount, and in respect of which the petitioner complains that he has been sued by divers creditors. Efforts have been made, but without success, to obtain the books and papers of the company from the solicitors, who claim a lien on them, and without possession of which the official manager cannot properly proceed.

Statfordershield and Defaults.—Master Richards, has appointed Mr. Hutton to be official manager for the winding-up and settlement of this company's affairs, on petitions of shereholders, which state that the company was projected with a capital of \$50,000t. in 7000 shares of \$50t. each, to run between \$10,000t. And upwards. A greater part of them signed the parliamentary centract, and agreed to pay the remainder of the deposit on their shares. The petitioners allege that the provisional committee misapplied a large portion of the deposit money received in the purchase of scrip shares in the market, and that in consequence of the fluctuation in the price of the scrip, the whole or greater part of the amount so misapplied was lost to the funds of the company. The company proceeded to Parliament, but as the funds were insu

BRITANNIA BRIDGE.—The last lift of the last tube has been completed, and everything is understood to progress so satisfactorily as to lead to the conclusion that the entire structure will be opened a fortnight earlier than was expected.

Cobe and Bandon—This railway is carried across the Vale of Chetwynd by a very handsome viaduct of four large and lofty arches 90 feet high. There are three viaducts on the line, and one tunnel 900 yards in length, and the cost, when all is completed, will be 252,000l.

INDIAN RAILWAYS.—It is understood that Major Pitt Kennedy, military secretary to Sir Charles Napier, will be appointed to succeed Mr. Simms as director of the railway department in India. Major Kennedy, in a small pamphlet which he published soon after his arrival in India, confirms Mr. Andrews' view of the advantages to be derived from commencing the East Indian line at Allahabad instead of Calcutta. It is expected that Major Kennedy's experience and extensive knowledge of India will enable him to rectify many of the blunders that have been made in the plans for these important improvements, and that through his able direction the country may be developed by a practical and systematic plan of railways.—Morning Chronicle.

Illustrated by 26 Anatomical Coloured Engravings on Steel, On Physical Disqualifications
Generative Incapacity, and Inpediments to Marriage. New Edition, enlarged to 196
pages.—Just published, price 2s. 6d., or by post, direct from the establishment, 3s. 6d

pages.—Just pubnances, in postage stamps. TRIEND: a medical work, on the same property in postage stamps. TRIEND: a medical work, on the same property and decay of the generative system, from excessive indulgence, infection, and the mordinate use of mercury, with remarks on marriage, and the means of obviating certain disqualifications, illustrated by 36 coloured engravings. By R. & L. PERRY & Co., consulting surgeons, 19, Berners-street, Oxford-street, London. Published by the authors; sold by Strange, 31, Paternoster-row; Hamay, 33, and Sanger, 150, Oxford-street; Starle, 23, Titchborne-street, Haymarket; and Gordon 146, Leadenhall-street.

THE CORDIAL BALM OF SYRIACUM is exclusively employed in treating nervous and sexual debility, impotence, &c., 11s. and 33s. per bottle,—THE CONCENTRATED DETERSIVE ESSENCE, an anti-sphillic remedy, for purifying the blood in cases of infection, secondary symptoms, cruptions, and the abuse of mercury, 11s. and 33s. per Determination of the Diadents. Perry Spurifying Specific PILLS, 2s. 9d., 4s. 6d., and 11s. per box—tree.

PERRY'S PURIFYING SPECIFIC PILLS, 2s. 9d., 4s. 6d., and 11s. per box—tree.

bottle.—PERRY'S PÜRIFYING SPECIFIC PHLLS, 2a. 9d., 4a. 5d., and 11s. per boxacertain remedy for gonorrhoa, gleet, strictures, and chronic inflammation of the blad der.—Consultation fee, if by letter, £1. A full description of the case is necessary stating sage, habits, and position in society £5 packets, with advice, to be had at the establishment only, by which the fee, £1, is saved,—Messrs. Perry, surgeons, are in attendance daily at 18, Berners-street, from 11 to 2, and 5 to 8; on Sundays, from 11 to 1. Sold by Sutton and Co., 10, Bow Chunchyard; W. Edwards, 67, £2. Fault's Chunchyard; Us. Edwards, 67, £2. Fault's Chunchyard; L. Elli, New Cross; W. B. Jones, chemist, Kingston; J. W. Tanner, Egham; S. Smith, Windsor; J. B. Shillock, Bromley; T. Riches, London-street, Greenwich; T. Parkes, Woolwich; Lede and Cô., Dorking; and John Thuriby. High street, Romford—of whom may be had the Silent Friend. DR. LA'MERT ON THE SECRET INFIRMITIES OF YOUTH AND MATURITY.

Just published, and may be had in French or English, in a scaled envelope, 2s. 6d.; or post-iree, from the author, for forty-two stamps.

ELF-PRESERVATION: A Medical Treatise, on the Physiology of Marriage, and on the Secret infirmities and Disorders of Youth and Maturity, sanally acquired at an early period of life, whichedebilitate the physical and mental powers, diminish and enfeeble the natural feelings, and ezhaust the vital energies of Manhood; with Practical Observations on the Treatment of Nervona Debility, whether arising from these causes, close study, or the influence of tropical climates; local and constitutional weaknesse, sphills, stricture, and all diseases and derangements resulting from indiscretion; with 40 coloured engravings, illustrating the Anatomy, Physiology, and Diseases of the Reproductive Organs, explaining their various structures, uses, and functions, and the injuries that are produced in them by solitary habite, excesses, and infection.

BY SAMCEL LAYMERT, M.D., 37, Beropos-Scaase, Losbow.

Doctor of Medicine, Matriculated Member of the University of Edinburgh, Licentiate of Apothecaries' Hail, London, Hon, Member of the London Hopatia Medical Seelety, &c., Sold by Kent and Richards, 52, Paternoster-row & Hannay, 63, Oxford-street; Starie, Tichborne-atreet, Haymarket: Mann, Mo. 39, Cornhill; Gordon, 146, Leadenball-street; or free by post, for 42 stamps, from the author's residence, whe may be consulted personally (or by letter) on these disorders daily, from 10 till 2, and from 5 till 5.

ON RESIN AND WATER GAS. ANDREW FYFR, M.D. stry, King's College Unio

[Concluded from August 17.]
With regard to the gas referred to in the paragraph quoted, and which stated to be hydro carbon gas (that is water and resin gas), I maintain that it did not contain a particle of water gas. It was not even resin gas; it was procured from a mixture of resin and fat; the latter, I have no hesitation in saying, in by far the largest proportion. Strange that that gas, said tation in saying, in o) for the argest proportion. Strange that that gas, said to be water resin gas, should be of specific gravity 986, contain 28 of olifiant, and have durability 82' 40"; while gas which I saw prepared by the same apparatus, from a mixture of equal parts of resin and fat, should be only of specific gravity 716, have 135 of olifiant, and durability only of 54'. Does not this show that I am correct in saying, that the gas thus blazoned forth as water rosin gas was prepared from fat and resin only, the former was very large proportion.*

Does not this show that I am correct in saying, that the gas thus blazoned forth as water resin gas was prepared from fat and resin only, the former in very large proportion.*

There is only one other circamstance to which I would advert, also stated in the papers referred to. It is often said that the most proportant part of a letter is contained in a postscript, and in one of the printed papers issued by Mr. White there is a P.S. which is certainly very important, because it is contradictory of a previous statement, and seems to let out the secret regarding the enormous quantity of gas obtained. He there states, "One cwt. of resin yields by my system, if vorusht up. 2000 feet of gas or more, possessing an illuminating power 26½ per cent. superior to Manchester gas. I find it, however, more economical not to convert the whole of the resinous matter into gas;" "it may be found more profitable not to push the quantity of gas beyond 2000 feet from each cwt. of resin, although at the works erected by me at Bristol they regularly obtain 3500 to 4000 feet from the same quantity, by fully working up the residuum." In a P.S. it is said, "Some may not understand why I only obtain 2000 feet from each cwt. of resin, while at Bristol 3500 to 4000 feet is produced from the same quantity. This is easily explained. The gas at Southport is 26½ per cent. superior to that of Manchester; by, therefore, merely adding that additional per centage of my water gas (and they add still more at Bristol) you have about 3500 feet, equal still to Manchester gas." Here, then, the greater quantity of gas is accounted for, at one time by working up the residuum, at another by the additional per centage of water gas. Hence, from I cwt. of resin any quantity of gas may be got, provided an additional supply of water gas be introduced. But, then, as Mr. White properly admits, this acts injuriously on the illuminating power, consequently the leas that there is of the water gas the better, in so far as lighting the general particles. Here again, we

new Patents.

SPECIFICATIONS ENROLLED DURING THE PAST WEEK.

SPECIFICATIONS ENROLLED DURING THE PAST WEEK.

John Macintons, Berners-street, Oxford-street, Middlesex, civil engineer: for improvements in obtaining power in the floating of bodies, and in conveying fluids.

Mr. Macinton's present improvements in "obtaining power" refer to the flexible rotary engine which formed the subject of a patent granted to the same gentleman in June, 1848.—1 The engine, as now improved, consists of a cylinder, the ends of which are closed by the flanges of an internal cylinder, which is made in two parts, with a circular space between the two ends opposite to each other, for the arm of the piston to work in. This arm is keyed on the main shaft, and the piston works in the space between the two eyelinders, underieath an endless steel band which closes the space between the two eyelinders in the space between the two continues of the internal cylinder. The steam is admitted to drive the piston, and absequently allowed to escape by arrangements similar to those described in the specification of his former patent.—2, Mr. Macintosh describes another reflary-engine, which consists of two moveable cylinders placed one within the other. The inner one is keyed on the main shaft, and fitted with a sliding piston, which is kept in contact with the interior periphery of the large cylinder by the action of a spring placed behind t. The cylinders are concentric, and their internal and external circumferences are brought into contact at the bottom by friction rollers—ene at bottom and other are to break the interior periphery of the large cylinder by the action of a spring placed behind t. The cylinders are concentric, and their internal and external circumferences are brought into contact at the bottom by friction rollers—ene at bottom and other are bottom bottom by friction rollers—ene at bottom and other are bottom by friction rollers—ene at bottom and other are bottom by friction rollers—ene at bottom and other are bottom by friction rollers—ene at bottom and other are bottom by friction rollers—

WILLIAM MAYO, of the firm of Mayo and Warmington, of Silver-street, Wood-street, Cheapside, manufacturer: For improvements in connecting tubes, and pipes, and other surfaces of glass and earthenware, and in immediate other matters with glass and earthenware. In connecting pipes and tubes of lass and earthenware, the patentee proposes to have metal flanges cast on the ends of the tubes to be united, which are connected by ordinary screw couplings. The interior of the monid being of the desired shape for casting the flange, the end of the tube, previually heated, is inserted, and sustained in a vertical position by means of a collar fitted to the upper part of the monid. Sufficient metal to fill the interior of the mould is tien poured through an opening, and the tube is withdrawn as soon as the metal is set. An adjustible screw, in the form of a plug, fits into the tabe, and forms the bottom of the mould, thus preventing the metal from rising-inside the tube. The patentee does not claim exclusively the casting of metal on to glass or carthenware; colars for earthen bottles for containing actated waters having been previously employed, but he claims:—The casting of metal joints on tubes or pipes of earthenware, to connect such tubes, or for the connection of such tubes to plates or aurfaces of glass and earthenware.

LIST OF PATENTS GRANTED DURING THE PAST WEEK.

LIST OF PATENTS GRANTED DURING THE PAST WEEK.

C. H. Wild, of St. Martin's-lane, Middleex, civil engineer, for improvements in certain structures for retaining water.

H. Holland, of Birningham, umbrella furniture manufacturer, for improvements in the manufacture of umbrellas and parasols.

E. A. Chameroy, of Faris, for improvements in paving streets and other surfaces.

W. Dick, of Edinburgh, professor of vebrinary medicine, Veterinary College, Edinburgh, for improvements in the manufacture of steel and gas.

B. Rotch, Esq., of Lowiands, Middlesex, for a factitious saltpetre, and a mode by which factitious saltpetre may be obtained for connercial purposes.

W. E. Newton, of Chancery-lane, Middlesex, civil engineer, for improvements in refining gold; also, in the construction of ships imagenes; also in machinery or apparatus for producing ice, and for general refrigerating purposes; and also in the construction of ships or vessels, and in steam-holiers or geterators.

D. Bluegworth, of Bradford, Yorkshire, vorsice spinser, for certain improvements in machinery for preparing all descriptions of wool and hair grown upon animals, for the carding, combing, and other manufacturing processes.

D. Brueg, Esq., of Papablac, Gaspe, Casadas, but at present at Liverpool, Lancaster, for certain improvements in the construction of rotary engines.

R. Proser, of Birmingiam, civil engineet, for improvements in supplying steam-holiers with water, and in clearing out the tubes of steam-holiers.

F. H. Thomeson, of Berner's-strees, Middlessex, gendleman, and T. R. Meiliah, of Portland-street, same county, glass-cutter, for improvements in cutting, staining, silvering, and fixing arricles of glass.

DESIGNS FOR ARTICLES OF UTILITY REGISTERED.

DESIGNS FOR ARTICLES OF UTILITY REGISTERED.

DESIGNS FOR ARTHUR.

T. M. Sharpe, Donegal-street, Belfast, saik elevator.

J. Salt, Uxbridge-common, pipe-socket die.

M. Neville, Liverpool, joint for fastening and attaching pipes.

T. Busby, Baths and Washouses, New-rold, valve apparatus for baths.

H. Fletcher, Manchestor, drawing roller.

T. Brookes, Spital-square, Norton Folgatt, the Sutherland silk.

L. Lee, Woodbury, near Exeter, cultivaring plough. —Mechanics' Magas.

South-Eastern and Brighton Railways.—A correspondent, writing as follows, points out the advantages which he believes would arise from a usion of these two companies:—"These railways are evidently formed for an amalgamation, but daily the breach gets wider. The Hastings line of the South-Eastern will soon be opened; opposition and ruin then commences between the two companies, the public alone benefitting for the season. Sooner or later an amalgamation must take place; then comes the fight for the situation of chairmanship and officers. Long since these two companies would have united, had there not been an absence of good leeling between the directors and officers of each company, but they are all fearful of the chances of "who shall get the sack." The traffic of the South-Eastern is 16,7004, weekly, and daily improving; the Brighton, 19,0004: united, 29,7004, weekly. The capital of the two companies is 17,000,0004. One establishment instead of two would save alone in working expenses 200,0004, yearly. Who gets the benefit of this? certainly not the shareholders; and until the shareholders determine among themselves to effect this desirable object, opposition, competition, and loss, will continue. Surely, when united, no railway company in England could pay half so well."

• I beg distinctly to be understood, in making this remark, that I am not throwing out any reflections against Mr. White, far less against the proprietor of the apparatus, to whom I am indebted for his kind permission to test the quality of the gas. The latter was not aware of the state in which the apparatus was at the time; the former, so far as I know, know, nothing of the proceedings.

· IMPORTANCE OF CHEMICAL ANALYSIS *

With the advance of civilization, and the rapid progress made in the devergment of the arts and solences, there are, unfortunately, equal advances made adulterating the numerous articles of trade and commerce, much to their striment; and, worst of all, scarcely a substance which is employed as human in adulterating the numerous articles of trade and commerce, much to their detriment; and, worst of all, scarcely a substance which is employed as human food or medicine, but what undergoes a system of adulteration and change of attucture, at once diagnating and dangerous. In the Mining Journal of June 10, 1848, we noticed a volume by our able correspondent, Mr. John Mitchell, on the falsification of food, the only work, we believe, since Accum's famous Death in the Pot, published in England, exclusively on this subject. We have, however, now before us a work of much larger pretensions, by Mr. A. Normandy, the clever editor of Rose's Chemical Analysis, and the author of a practical introduction to Rose's Chemical Analysis, and the author of a practical introduction to Rose's Chemical Analysis, and in the arts. The author clearly shows that the arts of adulteration and sophistication have more than kept pace with the immense progress which every department of productive industry has achieved; that these arts have invaded the luxuries and necessities of the rich and the poor—raiment, food, medicine, furniture, the menns of life, and the requirements of diesaes; all that can be mixed, hackled, twisted, ground, woven, pulverised, pressed; all articles of consumption in trade, in manufactures, in the arts; in fact, everything that can be made an article of sale is adulterated, falsified, disquised, or drugged. We perfectly agree with the, author, that however this wholesale system of plunder and destruction of health and comfort are to be deplored, the public themselves, in a great degree, are by no means blameless; the morbid appetite for decided baryains, and the rage for cheapening everything purchaseable, whatever price is asked, if it did not create the evil, has, at least, tended to increase it to an incredible degree. Whatever may be the cause of the development which the adulterating atts have taken, it is certain that if the sophistication could be more readily detected, its practice would become less frequ

or coffee:—

Of all the adulterations of ground coffee, that with chicory is the most prevalent. Whether the admixture of chicory with coffee in the proportions of one or two ounces of chicory to the pound of coffee, gives body and depth of colour is a point which cannot be disputed; it does give body and depth of colour, but this is a quality of a questionable nature, and one which, certainly, no excreted palate will reliab. At any rate, when it is considered that the chicory itself may be purchased separately, at a much lower price, of course, than coffee, we would advise the coasumer to buy his coffee suppressue, and to add thereto whatever proportion of chicory may suit his taste.—With respect to the medicinal properties of chicory, which are said to be such as to improve those of the coffee, and to modify its stimulating action; if it does so, it cannot be otherwise than by dilution, and those whise, on that account, consider the addition notonly as unobjectionable but as proper, should on the same ground allow the grocer to mix hay, or straw, or bran, with his tea, with a sprinkling of extract of logword, and the publican to add water to his beer and spirits, the whole out of pure regard to the health of the customer, and morely to correct or modify the atfundating action of these goods. Chicory has no other virtue than that of imparting a brown colour to the water in which it is boiled or infused, of giving, at the same time to the liquid, a flat, sweetish, bitter taste, and of being much fees expenses chase coffee; water, in reterence to beer and spirits, possesses the last quality in an eminean degree, and if used (would be no drunkards.—However this may be, the adultoration of coffee by chicory, may be detected in the following manner:—As the, roots of chicory, after having been killin-dried, roasted and ground, resemble ground coffee so closely as to defy detection when mixed with it, it becomes altogether impossible to detect its presence by the eye alone. But, if a little of the suspected coffee be

Under the article "beer," the author, after reciting the Act to prevent the dulteration by a variety of spurious substances in lieu of malt and hops, says: adulteration by a variety of spurious substances in lieu of malt and hops, says:
This then is the law. In theory, it seemingly provides for every thing: In pratice, it is a dead letter. It is a well-known and authenticated fact that many dealers in, or retailers of box; in the verbose phraseology of the Act, have in their possession, and do make use of, mix with, or put into their beer, liquors, extracts, proparations, calx, and all manner of substances, escept brown mait. It is a publicly known fact that carts may be seen bearing the inscription, in staring paint, of "——, browers' druggist." Such a cart I have myself seen, a few days' ago, standing in broad daylight, at mid-day, before a publican's shop or gin-palace. Of course I do not know what the contents of the cart were, nor whether it contained anything, but since the inscription painted upon it indicated the trade of the owner to be that of a brevers' druggist, it may fairly, I think, be inferred that the mant was a dealer in drugs for the use of dealers in, or retailers of beer, spoken of in the Act; that the publican was probably a customer of his, or that endeavours were made to induce him to become one; at any rate, the above facts preve that, since there are beer druggists, there must be beer druggers; sonsequently, that if the purpose of the Act be useful, the act itself is powerless, and that some more efficient protection should be resorted to.

druggists, there must be beer druggers; somequently, that if the purpose of the Act be useful, the Act isself is powerless, and that some more efficient protection should be resorted to.

The following graphic description of an Excise officer 50 years ago, quoted by the author from George Combe's Constitution of Man, will give some idea how far that incubus on industry, the Excise laws, with their just and consistent administrators, the Commissioners, tend to advance the morality or the commercial prosperity of the country.

A gentleman, who was subject to the excise laws fifty years ago, described to me the condition of his trade at that time. The excise officer, he said, regarded it as an understood matter, that at least one-half of the goods manufactured were to be smuggled without being charged with duty. But then, said he, they made us pay a moral and pecuniary penalty that was at once galling and debasing. We were constrained to ask them to our table at all meals, and place them at the head of it in our holiday parties. When they fell into debt, we were obliged to help them out of it; when they moved from one house to smother, our servants and carts were in requisition to transport their effects. By way of keeping discipline upon us, and also to make a show of duty, they chose every now and then to step in and detect us in a fraud, and get us fined. If we submitted quietly, that told us that they would make us amends by winking at another fraud, and they generally did so; but if our indignation rendered passive obedience impossible, and we gave utterance to our ophtions of their character and conduct, they enforced the law on we, whilst they relaxed it on our neighbours,—and these, being rivals in trade, undersoid us in the market, carried away our customers, and rianged our business. Not did the bond-age onthere. We could not samggle without the aid of our servants; and as they could, on occasions of any offence given to themselves, carry information to the head quarters of Excise, we were slaves to them

On the Action upon the Galvanometer by arrangements of Coloured Liquids in a U Tube, as observed by G. MACKHELL, J. W. GANN, and T. POLLOCK. London: Stewart and Murray, Old Bailey.

London: Stewart and Murray, Old Bailey.

This pamphlet is a detailed explanation of 224 experiments on the properties of different acids and acid metallic solutions to affect the galvanometer, giving the deflections of the needle before and after heating, with remarks on the proparation of the several liquids, and a classification of the experiments. The compilers had formerly carried out a course of experiments on phosphorescence, and found that when a body subjected to the electric spark gave proof of chemical action there was no phosphorescence, and that no body possessing any intensity of colour would give phosphorescence. This led to the inquiry, will the galvanemeter indicate a like distinction between colourless and coloured liquids? With this view, they performed a course of experiments, which showed that east deflection indicated the action to be more or less permanent, and west only temporary. The present course is a continuation of the subject, in which the effect of heat apon the colours has been observed, and the effect of lowering the electrode in each arm of the tube. The details will be found interesting to the chemist, and to those who are following out similar experiments.

New Cusroms Acr.—An Act to amend the laws relating to Customs has just come into force. All rules and regulations made by the Commissioners of Customs are declared to be valid. Henceforth all assignments of superamuation allowances "shall be wholly void to all intents and purposes, and shall not be enforced in any court of law or equity." This Act prohibits the importation into the United Kingdom of any extracts, essences, or other concentration of coffee, chicory, tea, or tobacco, or any admixture of the same. Witnesses refusing to attend or to give evidence may be fined 50%. The export duty of 4s. per ton on coals is now repealed. All manufactured goods are to be deemed to be the produce of the country of which they are the manufacture. No abatement of duties shall be made on account of any damage received by any corn, grain, meal, or flour imported into the United Kingdom.

^{*} The Commercial Hand Book to Chemical Analysis. By A. Normandy. London: George Knight and Sons, Foster-lane, Cheapside.

THE CAMBORNE MINING DISTRICT.

Having recently left town for the purpose of taking a peep at the Cornisi mines, and having sojourned a few days in the great mining district of mborne, we were much struck with the appearance, extent, and genera prosperity of those celebrated group of mines. We were induced to note down a few remarks, and without entering into minute details, we commence with North and South Roskear, Wheal Crofty, East Wheal Crofty, East Pool, North Pool, Wheal Agar, and Wheal Tehidy, as the northern chain or line of mines from east to west (including Wheal Seton and West Seton), and extending in length about three miles. South of these, and parallel, are Dolcoath, Stray Park, Camborne Consols, Camborne Vean, Wheal Francis, and Wheal Nancy; westward, Cook's Kitcken, Tincroft, and Carn Brea; eastward, forming a continuous line of mines from three to four miles in length, south of the Dolcoath and Carn Brea range, and to four miles in length, south of the Dolcoath and Carn Brea range, ann also parallel, are the mines of Wheal Mesien (Lart) resumed). Tryphena, Wheal Harrier, Condurrow, South Tincroft, South Carn Brea, and Cannardon. Still further south is another parallel range, embracing the mines of Tolcarne, Wheal Granville, West Prances, West Baller, and North Buller; and Immediately adjoining South Frances and Wheal Granville, are the Forest and The State of the Carn Breath be surprised to hear that Wheal Grenville is one of the best mines in Cornwall. Immediately between Wheal Grenville and Condurrow is a sett formerly known as Old Tye, but now christened South Condurrow, which no doubt is a valuable piece of ground, and should by right have gone with Condurrow, as an adit 50 fathoms deep had been driven a considerable distance towards it; but it appears that a lease of South Condurrow was granted to a party previous to the resumption of operations in Condurrow Mine, and as what is done cannot be undone, we wish all the parties great success. East of Wheal Grenville is West Frances, lately commenced: the steam-paging is grown expected to be at work, and being in

parties great success. East of Wheal Grenville is West Frances, lately commenced; the steam-engine is soon expected to be at work, and being in the line of valuable mines, we shall be on the look out for profitable results. West, is South Frances, a splendid mine, then West Basset: this mine is idde, but why or wherefore is to us a puzzle, for it is so situated that it can scarcely be designated a speculation.

Next is North Basset—an excellent mine, a course of rich copper ore having been explored about eighty fathoms in length, and four feet wide. In the shallow levels, in this mine, the lode was scarcely perceptible, and, in some instances, it was imperceptible in the kildas, but when it reached he granite it became a mass of ore. North of North Basset, and towards the summit of Carn Brea, is South Carn Brea. The situation is un-

doubtedly good, but there must be time to dig and delve, and penetrate the mineral riches of this district. Adjoining North Basset we find South Basset, another valuable mine; and still further east, on the same line of to does, is the rich mine of West Buller, parallel to which is North Buller, a new concern in a valuable district. We have no interest in any of the mines we have enumerated, bat we rejoice to see a prosperous district in any part of the United Kingdom; and we are inclined to think that the range of mines south of Carn Brea are, and will be, the most extensive and valuable ever discovered in Coruwall, or in any part of the world. But what caused the resuscitation of the mines of this district? Was it owing to superior mining knowledge, geology, or mineralogy? The features of the country remained unaltered; the granite hills are in the same position; the valley of killas, stretching from West Buller to Wheal Grenville, with its honeycombed old workings, were still there. Many influential parties were intreated to open those old mines, but no person would touch them; it was out of the great mining district; it was too far south. South Basset was condemned, and passed into the hands of the late Captain Teague, who persevered; and though he did not live to see his efforts crowned with complete success, it was he, and he alone, to whom we are indebted for the resuscitation of the whole district. South Basset once a good mine, people stared, and said—"Why should not North Basset, Bouth Frances, West Frances, and Wheal Grenville become equally good?" and now that those mines are valuable, the district is considered to be in its right place, and not too far south. Before we close this long paper, we would say a word or two respecting the Forest and Balenowe Mines. The Forest Mine* is adjoining, and parallel with, South Frances, in granite, intersected with elvan formations, and appears to be in a line with, and a continuation of, Wheal Buller lodes. Operations were recently commenced, and lodes discover

There are more valuable mines still further south than Balenowe; and those who are first in the field will, doubtless, reap a rich harvest; for mining is only just commenced in the south part of the Camborne district.

TYN-Y-WORGLOD SLATE COMPANY, NORTH WALES.—In referring to the prospectus of this company, which appears in another column, we are led to call attention to the following particulars, taken from the official reports of the company's engineer, Mr. St. Pierre Foley, and from the cost-sheets certified by their secretary. From the 18th of December last, the day this company commenced operations, to the 25th of July, there were manufactured in these quarries, by comparatively a small number of men, never exceeding six slate bargains, 381,850 slates of the best quality, at a total expense, including materials, of 2021. 16s. 23d., the slates disposed of which number, and prices of those remaining, amount to 6344. 14s. 3d. 1. From the 25th July to the lat of August last, there were made by three bargains 31 tons 1 cwt. of princesses, duchesses, countesses, and ladies, including a few of smaller sizes, which cost as follows:—

Quarrying and making.

4.8 16 10 6

Cartage to Carnarvon (shipping port).

6 15 6

Royalty on produce and establishment.

5.8 16 10 6

Profit on three bargains in one week £ 23 5 81

He will also give any information required relative to the working departments, &c., of the quarries belonging to the company.

IMPORTANT MINERAL Discover.—During the last 50 years, which takes the memory back to a period when the slate quarries of Llamberis and Penryhn, in Carnarvonshire, first began to obtain their celebrity, a continued search has been kept up by miners and the proprietors of the neighbouring estates to discover a bed of slate of similar quality; every farm, every morass, every mountain in the line of the slate formation, from the Penryhn Quarry to St. George's Channel, a distance of many miles, has been perforated by shalts and open excavations, but with almost frutless results; the whole line may now be traced by the mounds of debris, and the sawing shafts and caverns, the latter now half filled with water, their walls stilldripping, as if in sorrow for the sums of money that have been uselessly expended in search of the hidden treasure. Some two or three quarries have been opened, and, it is believed, are worked with some success, but they bear no comparison to those craters of wealth, the Llanberis and Penryln Quarries, which since their commencement have poured out millions of pounds sterling to their fodunate owners. It will, however, be interesting to the mining world to knowthat, within the last few weeks, it has been discovered that the roofing slate, batead of the line marked by the before-mentioned excavations, takes a more basterly course, and that the bed or lode, after leaving the surface at the foot of the Penryhn Quarry, when it is laid bare to the width of several hundred yails by the Ogwen river, encounters a mass of greenstone or porphyry, which respits adamantine head above the surface, and has thrown the slate more to the bast than its usual course; it then dips under a lofty ridge of killas or clay-slat, and has hitherto been lost to the miner and geologist. It has, however, lately been discovered that on the north side of this killas ridge the roofing slate, been disco

ASHBURTON.—There has been a good lode of tin again discovered at Runnaford Coombe Mines. The spirted proprietors have erected a steam-engine of 40-horse power on the works. We wish them every success. The machinery at the Owlacombe Mines is or sale, and we hear a change in the company will take place. The works at Squtt Plain Wood, for the erection of the water-wheel and other machinery, is proceeding briskly, and affords employment to a large number of miners and others.—Plymouth Journal.

a large number of miners and others.—Plymouth Journal.

BURNING OF THE ENGINE-HOLBEAND BOILER-HOUSE AT WHEAL BULLER, REDRUTH.—On Tuesday, while the miners were underground, their clothes, which were placed in the boiler-louse, by some means ignited (supposed by being too near the damper), and he place was immediately in a blaze, burning all the woodwork, stairs, floorings and roof of the enginge-house, as well as the boiler-house. Fortunately there was no loss of life or limb. The loss is estimated at about 150t, but, a numerous extra sawyers are at work, it is hoped the damage will be rectified so as to enable the engine to be at work again on Monday, by which time the water is not expected to have risen above the valuable workings in the 40 fm. level. A proper changing house for the men was on the eve of being erected, and had it been completed this accident and temporary delay would have been avoided. The mine, we unccident and temporary delay wo have derstand, is as prosperous as ever.-Cornwall Gas

PET SINKING.—The following his been forwarded us, as exhibiting very great dispatch in pit sinking. It took place in the Penydarren works. One coal pit, of the depth of 218 yards, dimensions 17 feet by 10, in 134 calendar months; also, a circular pumping pit, 10 set in diameter, to the Frosyfran coan, in 18 months and eight days.—Swanses Herald.

months and eight days.—Swanse Herald.

NATIVE MANUFACTURE OF IROS IN SOUTH AFRICA.—The Bakatlas work a great deal in iron, manufacturing various articles, with which they supply the neighbouring tribes. They procure their iron from ore, which they procure by excavating in the surrounding manutains. This ore is smelted in crucibles, a great deal of the metal being wased, and only the best and purest being preserved. They use a sort of double bellows, consisting of two bags of skin, by which the air is forced through the long tapering tubes of the two horns of the oryx. The person using the bellows aquats between the two bags, which he raises and depresses alternately, working one with each hand. Their hammer and anvil consist of two stones. They nevertheless contrive to turn very seat workmanship out of their hands, and as spears, battle axes, assagais, knives, sewing needles, &c. The men of this tribe also manufacture large wooden bowls, which they cut out of the tolid piece, the tool they use for this purposa being a small implement shaped like an adze.—Cumming's South Africa.

Mining Correspondence.

BRITISH MINES.

ALFRED CONSOLS.—The lode in Field's engine-shaft, sinking under the 70 fm. level, is from 6 to 8 ft. wide, and has the same appearance as last week. The lode in the 70 fm. level, east of said shaft, is 6 ft. wide; the driving of this level is suspended until a communication is effected to the winze shiking under the 60 fm. level east; the lode in said winze is large, worth for copper ore about 50 ft. per fm. The lode in the 60 fm. level, east of the engine-shaft; is principally composed of spar; this level is near Wyid's shaft on the east. There is no change to notice in any other of our tutwork operations since the last report; our tribute pliches are looking very well.

BEDFORD UNITED.—The lode in the 108 fm. level east is 2 ft. wide, and worth 4 fons of ore near fm. in Andrew's winze, in this level, the lode without alteration.

The lock of ore per fm.; in Andrew's winze, in this level; the lock without a le lode in the stopes continues worth from 2 to 3 tons of ore per fm. The loc fm. level east is from 7 to 8 ft. wide; 2 feet of the north part is producing go a are still rising by the side of the lode in the 80 fm. level; the ground contin of. The lode in the midway level is worth about 7 tons of ore per fm. The the 47 north continues favourable.

hard. The lode in the midway level is worth about 7 tons of ore per fm. The ground in the 47 north continues favourable.

BUTTERDON.—The lode has been opened on at different places from 200 to 300 fms. In length, where it is found from 3 to 4 ft. wide, composed of good gossan, horastone, prian, and mundic; the walls of the lode are very regular and well-defined, running about 9° east of north; the stratum is a favourable sort of killas, and much resembles parts of Trelawny. The engine is now down 10 fms. 4 ft. from surface—the ground firm, and will stand without timber. There is little doubt of this being a continuation of Trelawny tode. Stone and line are now on the ground for the purpose of erecting an engine-house, and a steam-engine is contracted for, many parts of which are now ready, and the whole is expected on the mine within two months, and is expected to be got ready for working by that time. The smiths' and carpenters' shops are nearly completed, so that there may be no delay in fixing the engine work.

CARTHEW CONSOLS.—The 75 fm. level end north continues to look well, the lode is Jarge, and the ground good. The south end, in this level, has a better appearance than when last noticed, yielding more load and copper, and the lode is about 2 jf. wide. The lode in the feet is about 3 ft. wide, very good. The lode in the middle shaft does not show as owell as last reported, having come in contact with a "bur" of ground, rather harder than we commonly meet here, which has compressed it, and which does not appear to be very congenial to mineral production. The tribute pitches look very well indeed.

cost not appear to be very congenial to mineral production. The tribute phenes non-very well indeed.

COMBLAWN.—The adit level is driven west of the engine-shaft about 25 fms., lode from 6 to 8 ft. wide, composed of carbonate of lime, soft spar, prian, blende, copper ore, and lead ore, of an excellent quality. The 7 fm. level is driven on the lode about 60 fms., and next of the ground taken away, the lode varies in width from 3 to 4 ft.; from the workings in and about this level, it is evident that the lode must have been productive of mineral, and will, it is expected, after being brought again into a working state, make good returns. The 11 fm. level is driven on the course of the lode, west of the engine-shaft, about 40 fms.; the eastern level is full of stuff. In this level the lode appears to be quite regular and compact; but there being such a quantity of dirt and rund in the level, it was with great difficulty that we were enabled to go through it—in fact, I could not with astery form anything like a correct view as to what the lode was likely to produce; but from the nature of the lode, while passing through the ongine-shaft, there is every reason to expect a very productive one in depth, as I anticipate very favourable results, and particularly so from the great cross-course. I am happy to inform you that the engine works well, and that the work in the shaft is very well carried out. Capt. Penaluma has forwarded to your secretary some specimens of the lode broken about the 11 fm. level. It is expected that, with good speed, the mon will clear up the shaft to the 20 fm. level in or about at weeks from this date.

DEVON AND COURTENAY.—There is no change anywhere to notice

DEVON AND COURTENAY.—There is no change anywhere to notice ince my last report. The lode in the winze sinking under the 50 fm. level is going own nearly perpendicular, and has a very kindly appearance, and the sumpmen are covering asticlated.

working satisfactorily.

EAST BALLESWIDDEN.—Our surface operations in this mine are being carried on with mining-like spirit. We are very anxious to get our wheel to work, so as to fork out the water, and clear up the workings under the adit level. The appearance of the lodes in the adit level convince us that we shall have a good mine in depth.

EAST CROWNDALE.—The lode in middle shaft is about 3 ft. wide, worth 201, per fm. In the 40 fn. level west the lode is tinny, but not rich. The lode in the winze sinking below the 28 fm. level produces a little tin—not valuable. No lode taken down in the 40 fm. level east this week. Our tribut department much as usual. May and June tin weighed at Messrs. Danbur the 15th inst., 12 tons 8 cwts. 1 qr. 27 lbs.

nd June tin weighed at Messrs. Daubuz the 15th inst., 12 tons 3 cwts. 1 qt. 37 lbs. ESGAIR LLEE.—The caunter lode in the deep adit, west of the junction, looking a little better than in my last, and will yield about 2 or 3 cwts. of ore per fm. he caunter lode in the 12 fm. level, cast from the surface, is looking promising, being fr. wide, and will yield on an average from 8 to 10 cwts. of ore per fm. The four stopes the caunter lode, in the back and bottom of the 12 fm. level, cast and west of Owen's ince, are looking quite as well as in my last, and will yield on an average about 10 cwts. ore per fm. The stopes in the bottom of the shallow adit, cast of Morgan's winze, are ach the same in appearance as in my last, and will yield on an average 3 or 6 cwts. of eper fathom.

e per fathom.

GREAT BEAM (TIN).—This mine has been one of the most productive tin GREAT BEAM (Trx).—This mine has been one of the most productive tin mines in Cornwall—it cased to work in 1829. There are several rich lodes embedded in soft decomposed granite; at the former working the engine-shaft was annum on the underlay of one of the lodes to the 82 fm. level (below the adit 30 fms.), where the lodes were found rich as in upper levels; and just as operations had commenced to take out the tin in the back of the 82, a failure took place is the wincless will, consequently the labourers were obliged to retreat, leaving a quantity of rich tin broken, where it remains to this day. The mine is now under active operations, and it is proposed (which I recommend to be commenced immediately) to sink a new engine-shaft, to prosecute with safety the rich lodes in depth. The mine is already drained to the 42 fm. level; the various shafts clearing and securing; the 20, 32, and 42 fm. levels being cleared, where several tribute pitches are at work, raising some tons of tin per month, from the gleanings left by the former workers, the returns will rapidly increase as the mine progresses. The adit level is being extended south towards some parallel lodes, which the ancients have worked extensively at, and a little below surface; and, reasoning from analogy, these lodes (which will be intersected 35 fms. deep will be found productive of much sol-inch pumping engine, sufficient to drain the mine to a great depth; a 36-feet diameter water-wheel, drawing machine, six water stamping mills, and horse-whims. By erecting a new steam winding engine there will be ample machinery for many years. The tin is of the most superior quality (grain tin), and will fetch at this time from 55t, to 60t, per ton, being 10t, above the average price of the county. From the cautions and economical manner in which the present adventurers are carrying out the intended objects. I am persuaded the Great Beast Tin Mine will become profitable and leasting.

prenanced the Great neam I'm Mine will become profitable and lasting.

HEIGNSTON DOWN CONSOLS.—The lode in the 45 fathom level, east of letter's winze, is, I am glad to say, improved, being worth at present about 3 tons of ore if fin. The 35 fm. level east is without alteration. The winze sinking below this level also improved, being worth from 2 to 3 tons of good quality ore per fm. The rise in e back of this level is without any important alteration, as also the cross-out south. Itehins's shaft is also without alteration.

Hitchine's shaft is also without alteration.

HENNOCK.—We put our new pumps to work on Saturday, and have been engaged preparing to sink the engine-shaft to the 20 fathom level. I am obliged to cut through the lode in the south end, to get on the eastern wall, in order to let down the water from the winze. The winze we have cleared nearly 7 fms. in depth, and we have not yet reached the bottom. In cutting through the lode in the south end we have some good stones of lead.

HOLMBUSH.—The lode in the 132 fm. level, west of the diagonal shaft, is 15 in. wide, producing 3 tons of copper ore per fm.; we have 28 fms. further to intersect the lead lode, and to drain the bottom of the 130 fm. level, which cannot be wrought at present in consequence of water; we are pushing it on as fast as possible, with six men. The lode in the 120 fm. level south is 4 ft. wide, composed of quarts, prian, and stones of lead; the same remarks will apply to the lode in the back of the level; the ground being favourable, it will be taken away at a moderate tribute. The ground in the 130 fm. level cross-cut south, towards the flap-jack lode, is favourable, the price given for exploring it is 31. 10s. per fm.; it is extended 99 fms., and should we cut the lode at the end of 100 fms., the underlie of it would be about 3 ff. in a fm. From the 100 to the 120 fm. level we have cut another branch, 4 in. wide, dipping south 4 ft. in a fm. towards the lode since last reported on; it is composed of soft spar, mundic, prian, and spots of yellow copper ore. Just beyond this branch there is a little water issuing from the end; from these circumstances we think we are near the lode, and are daily expecting to intersect it. The flap-jack lode in the 100 fm. level, east of the great cross-course, is 4 ft. wide, composed of spar, mundic, and stones of copper ore, productive as we anticipated it would be, but I have no doubt a much more productive of well as the present standard of copper ores arming fair when no doubt a much more productive is also very frovorable for mineral, being a light blue killas; we have six men driving this level, and there is every prospect (at present) of 7 or 8 fms. being explored this month. The men in the back of the level are earning fair wages in their respective tributes, at the present standard of copper ores. HOLMBUSH .- The lode in the 132 fm. level, west of the diagonal shaft, is

e present standard of copper ores.

KIRKCUDBRIGHTSHIRE.—The lode in the 62 fathom level end, west of 's, is 3 ft. wide, with a good stone of ore coming in on the north side, yielding 6 cwts. d to the fm. The lode in the new shaft, sinking under the 50, is 4j ft, wide, yield-ton of ore to the fm.

Ing I ton of ore to the fm.

LAMHEROOE.—The shaftmen completed their contract in the new shaft on Tuesday last, the 13th inst., and I set them the same day 10 fms. for the sum of 56L, takers to pay all labour cost, to be deducted out of the above sum; if completed in two months, they will again be rewarded with a leg of mution. I have also set a pitch in the orchard for three months at 11s. in I. for tin, and the tributers to return it. We weighed off 7 tons of the lode as it was broken, and conveyed it to Redmoor, the stamping of which will be finished to-day, and shall commence burning immediately.

LIWYNMALEES.—The stampengine went to weak on the 16th John Schole.

LLWYNMALEES.—The steam-engine went to work on the 16th instant, and works well. We have obtained 12 strokes per minute, at a pressure of 10 lbs. per ch on the piston. We have 7 ft. 6 in. of water in the pool, and are dressing up as much reas possible.

PENZANCE CONSOLS.—We are looking better in this mine than we have for the last three months, having good branches of rich tin in the south lode, west of engine-shaft, and on the north lode the level west is much improved; there is a branch of tin 6 in. wide, very good.

PETER TAVY AND MARY TAVY.—The lift was sent down 10 fms. on needay last; the whole of the machinery connected with the wheel is now in a fit state working order. The water-course being nearly cleared out, we expect to commence rking out the water on next Thursday. Every thing is going on in a spirited manner.

SOUTH WHEAL TRELAWNY.—We are still driving the cross-cut west of the engine-shaft, in the 60 fm, level, but have found no lode at present, the ground is much the same as last reported. The 50 fm, level north, on the course of the lode, is not course of driving; some branches have fallen in with the lode, and formed a junction with two regular lodes; a lode 2 feet wide, composed of spar, baryles, mundle, killss, and flookan, interspersed with spots of lead—ground favourable.

and flookan, interspersed with spots of lead—ground favourance.

TRELEGH CONSOLS.—In the 100 fm. level, west of Garden's shaft, on Christoe lode, no lode taken down this week. In the 90 fm.level, west of ditto, lode 18 in. wide, worth 15L per fm. In the stopes above the 90 fm.level, east of Harrier winze,

^{*} This mine has been taken up by John Rule, Esq., many years chief on

^{*} The lode in a shallow level was so undefined, that it was a matter of dispute with the wise men of that day whether it underlied south or north.

2 ft. wide, worth 44l per fm. In the 60 fm. level, wast of cross-cut, on north part, 16 in. wide, with stones of orc. In the 40 fm. level, west of Garden's, lode 18 in. worth 4l, per fm. The stopes above the 70 fm. level, east of Stevena's wince, lode wide, worth 7l, per fm.; in the stopes west of cittle, lode 2 ft. wide, worth 8l, per in the 52 cross-cut, north of Larent englas-shaft, we have cut the north part of the last cannot tall much about it—we shall open on it next west. In the 40 fm. level, it fills, lode 2 ft. wide, worth 8l, per fm. On Parent of the lode 3 ft. wide, with it good stones of orc. In the 40 fm. secult, north of Parent estable, on middle lode, we think we have not cut the main part of the lode, and we driving to cut it. In the adit, east of Nicolason's, lode 1 ft. wide, worth 2l per fm.

CROFT.—Our ore floors to day are presenting a truly interesting apo-centry are literally choiced up with one. Grout's lede, in the 99 fm. level, is now negly rich—in fact, the ore is, is a great part, so valuable (asy 50 produce) that nader the accessity of having a watchman at night to protect it; we purpose g a small purced of it by itself. Our in sales this month will amount to about but our monthly average returns will be 35 tons. I am quite astified that our rers will soon feel perfect contentment of the patience they have had in allowing a to be put on the footing it now is, instead of hastily availing of the discoveries. I know of nothing now which can interfere with our increasing prespective. You as see every department of the mine put in a business-like and satisfactory shape, she our duties will be agreeable and comparatively light.

fire which our duties will be agreeable and comparatively light.

TRELAWNY.—In the 32 and, north of Philippe's shaft, the lode is 24 feet, ide, worth 91, per fathom. In the 62 north the lode is 24, wide, worth 81, per fathom. In the 62 north the lode is 26, wide, worth 84, per fathom at the wince in the bottom of this level the lode is 26, wide, worth 84, per fathom. At rolawny's shaft we have not seen anything more of the lode in the 93 fm. level since at report, the water having been in in consequence of clearing and doing other work to a sugine. The shaftmen are employed entiting a hob-plate in the 46 fm. level. In the north the lode is 22 ft. wide, worth 74, per fathom; in the same level south the lode 32, wide, worth 74, per fathom. In the 72 the lode is 23 ft. wide, worth 77, per fm. The north mine we are still rising in the back of the 68, north of Trebane. In the 50, worth 51, per fm. We have put an additional pare of mon in the back of this level to pp. The appearance of our stopes is much as usual. We solid on the 16th inst. two reeds silver-lead one—No. 1, computed 100 tons, at 181. 1s. 6d. per ton; No. 2, combed 36 tons, at 31. 1s. 6d. per ton.

WELLINGTON.—The cross-sett in the 50 fm. level.

arcels silver-lead one—No. I, computed 100 tons, at 181. 1s. 6d. per 10n; No. 2, comnited 36 tons, at 31. 1s. 6d. per 10n;
WELLINGTON.—The cross-cut in the 50 fm. level, north of the enginehaff, is progressing favourably; so also is the ground in the 42 fm. level, west of said
haff, good for driving, and I sapect, by the water coming, we are not far from a lode;
hould this be the case, I think it will drain the western ground to some extent. The lode
in the 42 fm. level, east of Parcolly shaft, is 1 ft. wide, nearly all copper ore, worth 121.
or fm. The lode in the winze sinking under the 32 fm. level east is 18 in. wide, worth
or copper ore and in from 121. to 161, per fm. There is no change to notice an themorth
ode, in the addit level east or west, nor in the cross-cut north of this level. The lode in
on western said it as present disordered by a cross-course; the men are driving south to
not the main part of the lode. The lode in the addit level, east of the vestern whim-shaft,
is 15 in. wide, having a very promising appearance, and is producing a small quantity of
opper ore. The lode in the 10 fm. level, east of this shaft, is 1 ft. wide, worth for copper
1981, per fm. Our tribute pickes are looking well.

WEST DOWNS.—The engine-shaft is down 6 fathoms below the addit; the

into the main part of the look. The look in the latt rever, ease of the weaterly winn-stant, a 15 in, wide, having a very promising appearance, and we producing a small quantity of popper ore. The look in the 10 fm. level, east of this shaft, is 1 ft. wide, worth for copper 178 ft. per fm. Our tribute pitches are looking well.

WEST DOWNS.—The engine-shaft, is down 6 fathoms below the adit; the round is favourable for sinking and congenial for the, but the sumpmon are impeded in heir progress by the quantity of water, which has become too powerful to be kept in lock, with the purse in me. The foundation for the engine-looks and boller-looks has been cleared out, and the masons commenced working on Monday. We hope to have he stamps at work within aix weeks, and, as there is a good pile of the stuff waiting for hom, shall shortly afterwards hare some tin ready for market.

WEST POLGOOTH.—Our cross-cut is now driven 6 fathoms; we have, according to the appearance of the dip of the lode at surface, about 4 fms. more to drive; see think, when the lode is cut, it will add a very important feature to the already promising appearance of our mine. There is near this spot a junction of two or three lodes; he ground is getting much softer—our men are very sanguine of getting a fine course of ree here. The engine-shaft is down 3 fms. under edit, in clearing which some splendid stones of tin have been found among the attle; we have dropped our bottom lift and the upper one. The lusure water lift is nearly completed, the plat and cistern is finished, the add level is now clear, except a few places near the old shaft, where the ground is bad—his will be done as soon as we can spare a few man from the surface works. We have a case of the embankment for the passing of stamps, and are levelling for the floors. Our captan works very well; everything is completed, as regards captan, shears, whim, &c., but each engine large that. Our engine largedy to go to work; we are only waiting for several casting to make good the commenctions

ity and quantity; for we have every appearable of a mount star stope of ground already laid open.

WHEAL BENNY.—It is not likely I shall go underground in the above mine before the latter part of next week, my time being so much occupied about the tin, it being some distance from the mine. The men at present are driving by the side of the lode, and will take it down the latter part of next week.

WHEAL CREBOR.—In sending you my weekly report, I beg to state I have but little to write, as you had all particulars in mine of Saturday's date. There is but little alteration in the ends, more than that the men are through the cross-course in the 24, and, in driving towards the lode, the country is thickly impregnated with bright yellow copper ore, and I do not think it is far to drive to see the lode, when I hope we shall have a good one. The tributers are going on favourably; in one pitch in the 24 there is an improvement; they will commence dressing next week. The engine, pitwork, &c., are in good working order, and the crusher and shamps will shortly be so.

WHEAL FRANCO.—The lode in the 62 fm. level, east of the engine-shaft, fins. below the 62 fm. level, and have put in bearers and cisterns; the ground is favourable for sinking. The lode in the 32 fm. level, east of 5pry's shaft, is improved in appearance; since my last report it is from 4 to 5 ft. wide; the lode for 2 ft. above the bottom of the level is producing good work. There is but little alteration in the pitches. Our last sampling was 95 tons 9 cwt. 3 grs. We have three ends driving in bringing up the lobby—two driving east, and one west. I hope we shall hole to another shaft in about a formingth, which will be about 50 fms.

WHEAL GOLDEN.—At the engine-shaft in the 70 fm. level, south of the

WHEAL GOLDEN.—At the engine-shaft in the 70 fm. level, south of the ross-cut, the ground is good; the lode is 2 ft. wide, producing 18 cwts. of ore per fm.; he backs above are yielding a fair quantity of ore; at Thomas's shaft, in the 70 fathom evel north, the ground is good, producing 19 cwts. to the fathom; in the intermediate evel the ground is good, producing 5 cwts. per fathom. Maxwell's shaft, in the 43 fm. evel south, has greatly improved in the last 8 ft. driving; the lode is 2 ft. wide, producing 10 cwts. to the fathom. The tribute pitches are producing a fair quantity of ore in nake the men's wages.

where A GROSE.—Capt. N. Faull having been requested to inspect the ine, reports:—My attention was first called to the extent of the set, which is about 0 fine, on the course of the lode. An additivel is taken up and driven on the course of the lode. An additivel is taken up and driven on the course of the lode about 40 fms., to a short which is sunt 5 fms.; tall the ground explored on the decision of the lode is average width about 24 fm., upregnated with allowed according to the lode, its average width about 24 fm., upregnated with allowed ore throughout—stamps work. I saw a sample assayed by . Jonkins, of Fowey; its produce for silver was 35 oss. per ton, and 138 in 26 for lead. Lers is another lode opened upon about 6 fathons, which is a strong general lode. This im is scontiguous to that very promising mine Tregorden, and no doubt a continuance the same lode. The strata is quite congonial for allver-lead, being a light blue killas, ye sawy for driving, and inexpensive for timber; the lode exeries a beautiful flookan the footwall, its underlay about 4 in. per fm. The mine is situated about two-miles are facility for getting all materials needful for the prosecution of the mine, as well as a shipping of the ores at a low rate. When I look at the situation of the mine at surse, and the promising appearances of the lodes, having so many good indications, I am cided in saying I believe it will, if worked with aprix, and in a miner-like manner, ortly prove a profitable and lasting mine. In order to accomplish this, I would strongly moment that 4 40-in. double-acting steam-engine be at once evered, shaving a stamps ached; by so doing, returns would shortly be made, the advanturers renumerated for its office of the proper and and no doubt of the mine becoming one of the dividend-paying mines—see the foregoing report was written, we have sunk an engine-shaft 5 fms., and cut a per 10de at shout 34 fathoms from surface, 4 feet wide, with good copper ore—under-yabout 18 inches.

WHEAL LANGFORD.—Since my last of the 14th inst. to Mr. Vivian, the WHEAL LANGFORD.—Since my last of the 14th inst. to Mr. Vivian, the purser of the mine, we have cut the lode in the cross-cut. I then mentioned we were carriving at Wheal Langford shaft, where we have a very strong lode of mundle and copper; I cannot say the width of the lode. as it is not cut through. From the discovery of silver which I then mentioned of in the north adit level we have broken about 3 cwts. of rich silver ore, where we have a good brauch of silver still going down in the bottom of the level. The end is looking favourable for silver at present. From the stopes in the back of the level we have broken about 2 cwts. of good saving work for slever. We have driven here about 9 fms., cut into the copper lode in three places, and find it to be a strong promising lode, from 6 to 7 ft. wide, 3 ft. of which is good saving work for cepper; and, from the present appearance of the lode in this shallow level, it is more than probable that, in shinking 20 fms. below the adit, where we are now working, we shall raise an abundance of both silved and copper, and would become a profitable mine; but this cannot be done without the assistance of an engine, which ought not to be less than a 30-in. cyllinder. We are clearing the adit west of Malachi's shaft, whe have cleared about 5 fms., and about 20 fms. more to clear to get under Vivian's shaft, which is cleared about 5 fms. and secured, and we have about 4 fms. more to clear to communicate with the adit level, which will be accomplished, all being well, in about five or six days more. We have, then, from Vivian's shaft about 20 fms. to get under Broad's shaft, where we have a lode about 4 fw. wide, composed of flookan, felspar, and peach, interspersed with head, mundic, and copper. The lode in the 5 fm. level, at Pengelly's cross, is about 4 ff. wide, composed of its of a beautiful blue flookan and goasan, interspersed with mundic, lead, and copper; we have diven here about 24 fms., and are daily expecting to ext a north and south lode; we may then reasonably appe

pecting to cut a north and south lode; we may then reasonably expect an improvement.

WHEAL MARY EMMA.—The end of the bottom level is not yet got into the tin ground seen above. The lode in the rise has improved since the last report, and is producing some excellent work for the stamps. We expect to hole to the shaft in about a week, when we shall break more tin than we have hitherto done. A pit has been snuk on the lode in the hill, about 200 fms. west of the present operations, and some rich stones of the broken from it. This fact, in conjunction with the old most's continuous workings on the back of the lode, is a great proof that the course of tin in the adit is a lasting one. The lode is rather hard, and probably, from that cause, the uncleant did not do more upon

it, as it must have been worked before the use of gunpowder for blasting purposes. The last parcel of tin fetched 50%, per ton, not calcined I we had a burning-house the price would be higher.

WHEAL MAY.—The following highly satisfactory report has been received from Capt. Carpenter, who is actively proceeding with the works since operations were resumed on the mine:—Since my last report a whim has been received, and the engine-shaft set to nine men, to sink 8 ims, desper, at 7% per fin.; this work we expect to accomplish within two months. The men are doing their work in a miner-like manner, and the ground looks very favourable. In sinking the engine-shaft we have intersected the cross-course, which, from its underlay at present, we shall have to sink about 4 fms. before we get 'through it, when there is so doubt we shall have a good and profusible lode, as its improved appearance justifies any person in staining. The containing on the north and south lode, in the western part of the set, has fully proved the lode the entire length of the set, and has exceeded our expectations. I have now placed men in the other silver-lead lode on the easiern part of the set, as fully proved the lode in the mineral production of the set, and this is looking wery wall indeed on the back, carrying a beautiful gassau, which induces me to believe will repay the adventurers for working. I should recommend you at once to creek the engine, time being money in carrying on mining operations.

WHEAL PENHALE.—Since Saturday last we have cut through and driven a little on the lode in the 40 fm. level; at the point where we cut through and driven a little on the lode in the 40 fm. level; at the point where we cut through the war ather poor, about 3 ft. wide; but if opening on it, we find it is entire the point and the highest provided the point where the north of the being work of a part at many fms. north and south; and though this being the case, it does not argue that we shall invariably and at every point find it such in the 40 fm. l

copper ore, and shall have in about four week's time another parcel for the market.

WHEAL VINCENT.—Since last report we have cut the lode in two places 20 fms. further east, and it is increased from i to 3 ft. wide. We have cut the lode in the new shaft on the hill about 5 fms. deep, which is looking very favourable. Our engine has also forked the water out of the shaft in the moor this merning, and we are about to commence clearing up the work that has been laying under water, so that we may again put the men to work on the lode.

FOREIGN MINES.

IMPERIAL BRAZILIAN MINING ASSOCIATION .- Gold workings:

NATIONAL BRAZILIAN MINING ASSOCIATION.

ST. JOHN DEL REY MINING ASSOCIATION.

H.M.S. Adventure has arrived with a remittance of 122 lbs. of gold, two months' produce. [No despatches by this correspond.]
LINARES MINES.—The following has been received from Mr. H. Thomas: LINARES MINES.—The following has beer received from Mr. H. Thomas:

Linares, August 10.—I beg reference to my last of 4th inst. During the past week the men in Wilson's shaft have been breaking down the south lode, and will continue to do so till they reach the sole of the level, when the plat will be cut. The lode continues productive, being worth from 4 to 5 tone per fm. for the current fathom; the north lode, in the same shaft, being also good, as 1 before advised you. In cutting the plat at the 45, we shall have the opportunity of ascertaining to better advantage the actual position of this lode with respect to the lode on which the level is driven, though at present it appears unwrought in the side of the level. In resuming the sinking of Wilson's shaft, under the 45 fm. level, we shall do so with an excellent propect before us. San Juan shaft is sinking under the 31 fm. level, in favourable ground, and is down about 24 fms. In Shaw's shaft the lode has improved, containing, on the western side of the shaft, agood branch of less, worth a specific contained. The shaft has good branch of less, worth a specific contained to the shaft, agood branch of less, worth a specific contained. The lode in the end of the 31 fathon level east to be being mink at a fine of the shaft, and the other parts of the maje, as shaft the lode in the end of the 31 fathon level east to be being mink at a fine lead, but not sufficient to put a value on; its appearance is rather than when last reported. The bearing part of the 45 fm. level driving east has not soeter than when last reported. The hearing part of the 45 fm. level driving east has not soeter than when last reported. The hearing part of the 45 fm. level driving east has not soeter than when last reported. The hearing part of the 45 fm. level, east of the engine-shaft, having holed to old workings, we have removed them to a pitch in the back of the 45 fm. level, ears San feasing when he has removed them to a pitch in the back of the 45 fm. level, ears San feasing when he r

Lead ore at Seville......
Ditto at Malaga Total quantity is stock 199

ROYAL SANTIAGO MINING ASSOCIATION.

ROYAL SANTIAGO MINING ASSOCIATION.

Cobre, July 19—PERSEVERANCIA.—The lode in Thospson's shaft is improved; it is 9 ft. wide, early well-defined, its depth, below the 10 fm. lejel, is 6 fms.; the south part is 3 ft. wide, composed of black and grey ore, and the remaider is coated with superior yellow copper and arsenical pyrites; its declination, so far a we have been able to ascertain, is 180 south in a fathom, and the bearing, or course, is 20 north-east and south-west, yielding from 12 to 13 tons of ore per fm. The slide dishinishes in size east from the shaft, in the 10 fm. level, and the lode is very much improved; it is from 4 to 5 ft. wide, yielding 4 tons of ore per fm. The strata is compact genstone, disseminated throughout with carbonate of lime. West from shaft, in the same level, there is no improvement since last reported, but we hope to effect a communication with the winze No. 2, sinking below the adit, in the course of the present month. We commenced a few days since to develope a winze 8 fms. east from shaft, under the 10 fm. level; at present it is in a disordered state, but we expect in the course of a few days to intersect the lode to the north, and under the side. The lode in the eastern stopes fom cross-cut, between the adit and 10 fm. levels, is from 4 to 5 ft. wide, yielding 6 tons olore per fm. There is no alteration in the winze No. 2 since last reported. The lode in the active in the back of the adit still continues to produce ores of a fair quality. We are still encountering a large and powerful stream of water in the south cross-cut from Hompson's shaft, in the adit level. Last evening we intersected a mineral vein, but so little has been done that it would be premature to say more for the present; the strata has a very promising appearance, and is easy to creavate.

Sax Joaquix, Taylor's shaft is let to sink below the adit to some native miners, at 18 dept years, they paying all cost; the strata is composed of greenstone, carbonate of lime, and silex. The lode west from adit is com

the surface.

Recurso.—The lode in the stopes, east and west from Goldsmid's shaft, in the back and bottom of the 14 fm. level, is 5 ft. wide, yielding 5 tons of ore per fm. In the 26 fm. level, west from the shaft, the lode is without alteration since least reported. In the south cross-cut, in Castro's adit, several small veins have been intersected, which contain sulphur pyrites, with small particles of yellow copper ore; the strata is favourable, and easy to excavate.—Since writing the foregoing, the leds is intersected in the winze east from Thompson's shaft, under the 10 fm. level, to the north, and under the slide it is 3 ft. wide, yielding the same quality ores as the shaft.

WHEAL MARY ANN.—It having been represented by the Rev. R. Martin, vicar of Menteniot, that the poor of that paish were deprived of water, in consequence of the working of Wheal Mary Ann and other mines, the committee have given 10L towards the expense of conveying water to the village.

In our advertising columns of this day will be found a report of the first meeting held for working a mine, or sett, formery known by the name of Wheal Phemix, situate in the parish of Calstock, Crmwall, but now called Wheal Arthur, where a large amount of money has been already expended. The council of the Prince of Wales, desirous of hawing the mining property under their control efficiently worked, have granted this sett for a term of 21 years at 1.15th dues. An adit level has been driven to a great extent, and shafts sunk; the deep one, about 56 fms. from the surface. This sett is considered to be one of the most important mining setts in that district; and we trust the present proprietors, who, we understand, consist of gentlemen of known respectability, will work it in a miner-like and spirited manner, as it appears to be well worth the necessary outlay; and little doubt exists that it will be highly remunerative to the adventurers.

WHEAL CREBOR MINING COMPANY.

WHEAL CREBOR MINING COMPANY.

The first general meeting of adventurers in this company was held at the offices, St. Helen's-place, Bishopagate-street, on the 20th inst.;

Mr. MURCHISON (the sceretary) read the notice convening the meeting, the minutes of the last meeting (which were confirmed), and the following—

AFFORT OF THE COMMITTEE OF MANAGEMENT.

The committee of management have much satisfaction in laying the first statement of accounts before their co-adventurers. The shares having been all taken, and paid upon within a few weeks of the formation of the company, the committee had no difficulty in proceeding with the operations at the mine; and it is soldom that a new adventure cas present the accomplishment of so much work in so short a time. The sum of 2351, paid for the "Old Crebor set and materials," includes a substantial water-wheel, of ft. diameters by 4 ft. breast, pit-work, flat-rods, pumps, and various other articles, as par inventory. The counting-house, smith's-shop, and other offices, have also been made available for present prarposes, at a stiffing expense. An estimate for putting in good order the crusher, grinder, and dreasing-floors, has been obtained, amounting to less than 30t, which, it is said, will render them capable of doing a good deal of work for many years. The only machinery required has been two whins, purchased from the Devon Consols Mining Company for 19t, and it is not anticipated that anything else of this description will be necessary for a considerable time to come. One-half the costs for June and July consisted of materials, chiefly timber, ropes, and some essings; but these literacy ways, and secure all the collars of the old shafts, and the timber work of the levels, which were much dilapidated, while of the stores purchased and paid for, a considerable portion had not been used on the 31st of July. It is exposted, therefore, that the cala in hand will suffice to pay the costs for the next three months, without any calculation as to the probability of returns, alth

The following balance-sheet was also submitted:-Total.....£1311 0 0

Balance of cash—Masterman and Co.

Total.

Tot and carponers stop, are put in tolerance order, excepting part of the collising-induce, which is so dilapidated that it must come down. The number of men employed is as follows:—Twisorie.—The adit end, at Randie shaft, a cross-cut, by two men and two boys, at 44.15s, per fin.; stented 2 fms. The 40 end, at Randie shaft, by three men and one boy, at 34.15s, per fin.; stented 3 fms. The 40 end, at Randie shaft, by three men and one boy, at 34.15s, per fin.; stented 3 fms. At Cock shaft, in the 24 fm. level, going through the east cross-course—they are now through it, about 5 feet wide. In the 12 fm. level driving west, south lode, one man and one boy, at 34.12s, per fin.; stented 6 ft., or through the cross-course—they are now through it, about 5 feet wide. In the 12 fm. level driving west, south lode, one man and one boy caich. At Cock shaft, in the 24 fm. level, two pitches, four men in each. At Cock shaft, in the 12 fm. level, one pitch, by two men.—Total on tribute, 12 men and 2 boys = 14. Men employed wheeling from the miners, three, on contract. Two men filling and landing to the machine, on contract when hauling—otherwise day work, preparing floors, &c. One machine man; one kibble filler and lander at Gill and Rundle shafts, day work.—Total, 8 labourers. Two miners at present clearing the 24 fm. level, west of the pitches, towards Kelly shaft. One smith, and boy to help.—P.S. Since I wrote my report, the men at the 24 fm. level have got through the cross-course, but not sufficiently to say the result.—WM. Donats.

Reservation, 43g. 16.—Having, agreeably to your instructions, again inspected Wheal.**

**Crober, I now beg to hand you my report thereon. The water-wheel at Cock shaft has been efficiently repaired, and machinery attached to it for hauling.—The shaft is forked and secured to the 24 fm. level; the whole of the pitwork, &co., being in good working condition.

**In the 24 fm. level it the whole of the pitwork, &co., being in good working on the bottom of the lawel, and in one extent in the back

I think he has acied judiciously. Men are employed in sutting through the creas-course, with a view to see the south lode as the assurer aide of it, where it is hoped to not over the very seen to be a superior of the very seen to superior of the very superior of the very superior of the very seen to superior of the very superior of the very

Wolferstan, together with the balance-sheet, be printed in the Mining Journal, and a copy sent to each of the adventurers, in conformity with the fourteenth rule of the Cost-book.

Mr. Thomas Nicholls, of Tavistock, an adventurer, said, the several reports which had been read were so thoroughly explicit of the present state of the workings and the position and prospects of the undertaking, that he could add little to the information. He would, however, just observe, that he had for the last three months been a good deal on the mine, and he was highly satisfied with the progress made. A good deal of work had been done in a comparatively little time, and at moderate expense, and he had no doubt the adventure would prove a profitable and permanent one. With respect to the general opinion of the mine in the neighbourhood of Tavistock, it was considered, as they were proceeding at present, that great discoveries would be made. He should do all in his power to advance the interests of the adventure, and residing at Tavistock, he should ofter, personally inspect the mine. Several specimens of the ore from the 12, 24, and 40 fm. levels were on the table, at the latter of which the lode was from 16 to 24 in. wide, producing solid ore, nearly all saving work, and but little mundic, and which was being raised on tribute.

The Charleman said, Mr. Nicholls had paid a great deal of attention to the interests of the company, and had spent much time in inspecting the mine simply as a shareholder. As they had but one local committeeman, Mr. Rundle, of Tavistock, he should propose, with Mr. Nicholl's consent, that he be elected as an honorary member of the local committee, which would make the number two; he would then be enabled to visit the linia officially, and, doubtless, render much service.—Mr. Nicholls repeated his wish to promote the good of the company to the utmost of his power, and he was elected accordingly.

A vote of thanks was then passed to the chairman and committee of management, and the meeting broke up.

STRAY PARK, CAMBORNE VEAN, AND WHEAL FRANCIS MINES. At a general meeting of adventurers, held at the mines, on the 16th inst.

the lottowing accounts and report were presented				
Copper ores, July 6, 492 tons 18 cwts. £2123 0 Balance in hand last account. 573 3 Profit from Wheal Fearncia Mine in May and June 55 18.	8	£2755		
Trong training a second of the	9	362101	. 3	- 6
Tutwork cost in May £496 2 3	D. S			
June	4			
Merchants' bills in May 156 10 1				
June 188 19 9- 345 9	10			
Tribute pay on ores sold 6th June 164 18 10	177			
Subsist advanced on ditto 242 16 3	1201			319
Lord's dues payable on ditto 88 9 2 - 496 4	3-	1765	18	5
Balance in hand July 1		£ 000	2 A	10
Dividend of 10s. per share		500		
The state of the second		1100		0
Leaving balance now in hand		£ 490	4	10
Copper ores, sold August 1, 471 tons 12 ewts 4	1943	2 7	1	
Average Getting of Miners in May and June.			66	
THE PARTY OF THE P	(4)	di'ul		
Tutworkmenper month £2 9 4 Tributerspe	L mos	ith £2	6	4
Return showing Hems forming Merchants' Bills for May and	June	4.		
Coals, 164 tons 10 cwts	EIII	0 5		
Timber, balk, 903 feet		12 6		
Iron, common, 40 cwts. 2 grs. 27 lbs	-018	14 1	p in	
Iron, hoop, I cwt,		10 6	200	
Tallow, 4 cwts. 2 grs. 19 lbs	9	6 10	1	
Leads, 2 cwts. 2 grs. 18 lbs	3	7 6		
Leather, 38 lbs	2	4 4	0.75	
Candles, 407 dozens	92	19 2	1	
Powder, 2700 lbs	51	6 0	1.	
Cans, 7 dozens	2	3 6		
Stationery	1	14 6	,	
Machinery	12	16 8	,	
Engine shag	4	2 6	1	
Wines, spirits, groceries	2	15 6		
Sundries	0	17 6		
Carriage	0	18 0	,	

Total-May, 1567. 10s. 1d.; June, 1887. 19s. 9d. = £345 9 10

are early to meet that a it for the to-	1	May					Jur	10.	11.3(1)	5	100	ota	ı.
Agencies	€30	9	0			. £30) (0					
Storekeeper	6	6	0			. (; (6 0				12	0
Oredresser	5	5	0			. 1	5 1	5 0			10	10	0
Pitman	4	0	0			. 4	0	0			8	0	0
Coal measures	3	14	0			. 2	1 4	1 0			6	18	0
Account-house woman	1	1	0			. 1	1	0			2	2	0
Carpenters and sawyers	5	8	6			. 5	17	6			11	5	11
Smiths	25	10	0			. 26	, (0 0				10	0
Engine-men and engineer	18	13	0			. 19	2	0			37	16	0
Filling	10	11	6			. 12	4	6				16	0
Landing	9	19	1					3 0				2	1
Tramming	16	5	4			. 16	11	3				16	7
Carriage	8	16	0			. 8	11	3				6	3
Surface-work, stems, &c	65	19	3			. 35	1	5 4	****			4	7
	876	-	9					3				3	0
Poors' rates on dues	0	. 0	0					3 0			41	16	0
Rent of water-course, &c	20	0	0						****			0	0
Property-tax on dues and profits	0	0	0				9	6			29	9	6
Safety fuse	3	19	2								9	15	10
Ticketing expenses	3	4	0				0				3	4	0
out at turner may an about providing of the	-	120	_			1172					-	-	_
	615	8	6			£515	17	3		£	1131	5	9
Materials charged to men	119	6	3			. 87	15	2			207	1	5
Total £	196	2.	3		100	£428	2	1		1119	£924	4	4
Prices of Materials o	han	no.7		Ohio	u D	I 10		10	50	911	7725	-	1.5
A rices of matter tons of	recer ?	Jecs (46 /	317 61	y r-c	IFR DE	22.1	9 / / m	30.			200	
Coal, carriage included				7 10		100	Ma					Jun	
Coal, carriage included				· · per	101	8 Æ0		6			£0	13	6
Timber, balk							0	10				0	10
Iron, common					r can		5	- 2			0.19	0	0
Iron, hoop					81	0	10	6			. 0	10	6
Tallow					52	2	0	0				0	G
Lead, white and red					15	1	4	6		***	. 0	0	0
Leather							0	0			. 0	1	2
Candles, London					do:	. 0	4	9			. 0	4	9
, No. 2					11	0	4					4	3
Powder							18	0			. 1	18	0
Safety fuse							0	3 .			. 0	0	3
Cans				per	do	. 0	40	3 .			. 0	4	3
The accounts for the two mor	41.	an	4:.	0	OAL.	E.	-11	1.		- 1			

The accounts for the two months ending 30th June, showing a balance in favour of adventurers amounting to 9864. 4s. 10d., having been examined, were allowed, and a dividend of 10a. per share declared.—The following report, from Capts R. Eustice and E. Ralph, was read to the meeting:—

Capts R. Eustice and E. Ralph, was read to the meeting:—

August 16.—In the 56 end, driving west on Town lode, by two men, at 41. per fm., the lode is 6 in, wide, yielding stones of ore. In the 80 end driving west, in Wheal Francis, by four men, at 81. per fm., the lode is 1 ft. wide, yielding i ton of ore per fm. In the 90 end driving west, in Wheal Francis, by four men, at 101. to, per fm., the lode is 2 ft. wide, yielding 3 tons of ore per fm. In the winze sinking below the 99 fm. level, in Wheal Francis, by four men, at 81. 10s, per fm., the lode is 1 ft. wide, yielding stones of ore. In the 100 end driving west, in Wheal Francis, by four men, at 112 per fm., the lode is francis, by four men, at 101. 10s, per fm., the lode is 1 ft. wide, yielding stones of ore. In the 110 end driving west, in Wheal Francis, by four men, at 112 per fm., the lode is 1 ft. wide, yielding stones of ore. In the 120 end driving west, in Wheal Francis, by four men, at 125 per fm., the lode is 1 ft. wide, yielding stones of ore. In the 120 end driving west, in Wheal Francis, by four men, at 120 per fm. the lode is 1 ft. wide, yielding stones of ore. In the winze sinking below the 120 fm., level, on the cross-course in Camborne Vean, by six men, at 102 per fm., the lode is 1 ft. who were the per fm., the lode is 1 ft. who were the per fm., the lode is 1 ft. who were the per fm., the lode is 1 ft. who were the per fm., the lode is 1 ft. who were the per fm., the lode is 1 ft. who were the per fm. In the lode and driving west, on north lode, by two men, yielding 2 tens of ore per fm. In the lod end driving west, on north lode, by two men,

at #1, per fm., the lode is 1 ft. wide, yielding stones of ore. In the 150 end driving west, on Camborne Vean old south lode, by two men, at 90, per fm., the lode is 1 ft. wide, and unproductive. In the 150 end driving west, in Wheal Francis, by two mess, at \$4, per fm., the lode is 3 mail and unproductive. In the cross cut driving south, in the 150 malevel, by four men, at 54, per fm., the ground is favourable, and the end is now in 26 fms. south of the south lode. In the rise above the back of the 150 fm. level, by four men, at \$9, per fm., the lode is 1 ft. wide, yielding 1 ton of ore per fm. In the 170 end driving east, by a fm. fm. the lode is 2 ft. wide, yielding 2 tons of ore per fm. In the 170 end driving cast, by six men, at \$2, per fm., the lode is 2 ft. wide, yielding 3 tons of ore per fm. In the stopes below the 170 fm. level, east of eastern winze, by six men, at \$2, per fm., the lode is 3 ft. wide, yielding 3 tons of ore per fm. In the stopes above the back of the 170 fm. level, east of eastern winze, by six men, at \$2, per fm., the lode is 3 ft. wide, yielding \$4 tons of ore per fm. In the stopes above the back of the 170 fm. level, west of eastern winze, by four men, at \$6, per fm., the lode is 2 feet wide, yielding \$4 tons of ore per fm. It the stopes above the back of the 170 fm. level, east of eastern winze, by six man, at \$4, per fm., the lode is 3 ft. wide, yielding \$4 tons of ore per fm. It the stopes above the back of the 170 fm. In the 180 fm. In the 180 cm. In the 180 cm.

BISHOPSTONE SILVER-LEAD MINES.

BISHOPSTONE SILVER-LEAD MINES.

At the bi-monthly meeting, held on the 19th inst, the captain's report of the 15th stated that the steam-engine (30-horse power) was put to work last Tuesday week, and performed her duty most efficiently; the water was drained to the depth of the former workings in a few hours, and is now kept with great case going three strokes per minute, besides winding the ore and attle to the surface. The mine is now clear of water, the ground easy fordriving, and sufficient ore got to pay cost. They have commenced driving the 10 fm. level (north and south) on No. 2 lode, where it is about 4 ft. wide at each end, consisting of sand, clay, and spar, with lumps of ore (white and blue), producing about 15 cwts, to the fathom. They are continuing the shaft, and also driving on to No. 3 lode, and it will require about two months to lay open all the bunches of ore seen in the adit level. The general appearances of the mine are satisfactory, and they have commenced dressing the ores on the new flooring. From the conveniences afforded in every department, the mines can be worked very economically.

CONDURROW MINING COMPANY.

At the two-monthly meeting of adventurers, held at the mine, on the 19th inst., the accounts were examined and passed, showing—Labour cost for June and July, 1309l. 14s. 1d.; merchants' bills, 985l. 11s. 11d.; lord's dues (1-20th), 67l. 17s. 2d. = 2368l. 3s. 2d.—By baiance last account, 48l. 7s. 5d.; copper and tin ores sold, 1867l. 2s. 9d.; old stamps sold, 12l.: leaving balance against the mine of 946l. 13s.

The following report, from Capt. Nicholas Vivian, the agent, was read:—

August 19.—Bezgarding the cross-cuts in course of driving. I beg to refer you to my

the mine of 9464. 18s.

The following report, from Capt. Nicholas Vivian, the agent, was read:—

August 19.—Regarding the cross-cuts in course of driving. I beg to refer you to my report of the 17th June last. Up to this time there has been no lode or branch discovered in either of them, but from the appearances is the 90 and 80 cross-cuts there is no doubt on my mind that the lode will be pierced in these places before our next account, to be held here on the 21st October, and probably insome of the others also. The sump, Pryce's shaft, is sunk 2 fms. below the 90, lode 3 ft. wide. The 80 cast of Pryce's, on Roberts' lode, is carrying in driving 6 ft. wide, with the lode standing on each side, and it may altogether be 13 ft. wide. The end, 9 ft. high, turns out 9 tons per fm., of produces 8 per cent. This level west continues productive for tim-lode large, and making good tribute ground. In the 10 fm, level, east of Hope's shaft, is much changed from the levels above, the ground is softer, and there is a rick rit to ore in it about 3 inches wide, which we expect will be found to enlarge as we extent the level. Hope's shaft is just commenced to sink under the 70, and we hope soon to make a valuable discovery in it. The lode is the winze sinking west of this shaft, which is down 3½ fms., has yielded 4 tons of ore per fm., of 11½ per cent; it is not now, however, so good as it has been, but the lode is very large and promising. A few ms. west of this winze the tributers are stripping away the branches, which with the main part of the lole which was before wrought, cut, leaves a gunnice 16 ft. wide, and will probably be much wider before the workings here are done with, as the caunter is not far to the north of them, and Llandow'r lode is near to the caunter. The state of the accounts to-day seems to require some notice of me in order to satisfy the adventurers residing out of the neighbourhood. The heavy cost is in consequence of the charge for the whole, length, end is appliances, the preparation for the erectio

COOK'S KITCHEN MINING COMPANY.

COOK'S KITCHEN MINING COMPANY.

A general meeting of adventurers was held at the mine on the 14th instant, when the statement of accounts was presented, showing—Balance end of Feb., 14504. 9s. 6d.; labour cost and merchants' bills for March, 10794. 16s. 8d.; ditto for April, 10844. 0s. 7d.; lords' dues, 61. 2s. 2d. = 36654. 8s. 10d.—By tin sold, 15394. 10s. 6d.; old stores ditte, 11. 17s.: leaving balance against mine, 21244. 1s. 4d.—It was resolved that the above debt of 21244. 1s. 4d. be divided rateably over the shares, and that the adventurers be requested to pay their respective proportions on or before the 1st September.

[We shall publish Captain Vivian's report in the next Number of our Journal.]

KIRKCUDBRIGHTSHIRE MINING COMPANY.

KIRKCUDBRIGHTSHRE MINING COMPANY.

At a general meeting, held at the offices, Birchin-lane, on the 18th instant, the accounts were examined and passed, showing—Labour cost for May, 377.6 st. 1d.; June, 499.7 s. 6d.; July, 498.10s.=1375.6 s. 5d.—By balance last account, 126f. 13s.; ores sold, May, 419/, 9s. 4d.; ditto June, 365f. 16s. 4d.; ditto July, 370l. 19s. 9d.—leaving balance sgainst the mine, 92l. 8s. A cargo of oge was sold on the 13th, producing 385f. 7s. 5d., the expense of raising which was charged in July cost. The following report of the agents, Capts. R. Witliams and E. Bawden, was read:—

August 10.—In sending you our queterly report, we have to state, that owing to the dry season, we have only sunk 3 fathons in Stewart's slanf, the men being employed in opening ground for the engine-shaft, vest of Kelth's; which, by great exertion we have opened from the surface to the 30 m. oval. in order to get the new engine to relieve the water-wheel as soon as possible. We have divien the 52 min. level west 14 fms., and opened a winze on it from the 50. We have also driven the 50 end west about 6 fms.; when, in consideration of its being most than 100 fms. west from Keith's, we asspended it until the engine-shaft is down to take away the staff. We have a strong kindly lodd in Stowart's shaft, in staking; the 64end west has also gone through tribute ground, which will, we hope, improve as we gefarther on, as the engine-louse and stack are finished, in the boiler fixed in its place. The equinder and main beam are in the house, and the other parts fixing as fast as possible. Our objects now are—to case and divide down the shaft, and a plunger lift from the 50. On the surface, with the connection rod and stays, and get the engine-loud west, the 40 and 62 west, and sink both the shafts as fast as the hatter of the ground will permit. We have raised 113 tons of ore, and spent 70 fms. of round in the past quarter.

MINING COMPANY OF WALES.

MINING COMPANY OF WALES.

An adjourned general meeting of proprietors in this company was neld at the offices, Lincoln's Inn-fields, yestrday, the 28d inst.

The Rev. WILLAM JOHNS, M.A., in the chair.

The SECRETARY (Mr. St. Piere Foley), having read several notes, being applications for shares, and some popts from the several mine agents, the substance of which will appear in our next, it was resolved that three of the shareholders, who at present hold 230 shares in the company, shall act as directors till the next public meeting, to ake place on the lat day of October next, and that the share list shall remain pen till that date, or until the shares still remaining are allocated. It was also resolved that the Rev. Mr. Johns, Mr. Thomas, the solicitor of the company, and the secretary, assist the directors to act in their absence, in making such arrangements as may be deemed necessary to advance the preliminary integets of the company.

Letters from the agents of the Cwm Ciprwth and Gilvach Copper Mines, the Blaen-y-Penant and Cwm Ortain Lead and Silver-lead Mines, the Rhossyd and Wrysgan Slate Quarries, and the Llanwart Slate Quarries were read, and gave great satisfaction to the gentlemen present.

The SECRETARY next read reports of proceedings in the Cardiganshire mines, which have engaged, till lately, the attention of the proprietors, who now transfer their leases, &c., to the present company, all of which were highly satisfactory. These reports are concisely given in a letter from the mining captain, who had the superintedence of the practical parts of the examinations under the company's chiefengineers, which will be found below.

On the whole, the prospects of this company seem very flattering, and appear to offer every promise of politable investment. One lady from near Dolgelly (Mrs. Poole) took 300

On the whole, the prospects of this company seem very flattering, and appear to offer every promise of politable investment. One lady from near Dolgelly (Mrs. Williams) took 10 shares; another lady (Mrs. Poole) took 300 shares; and several applied forsmall numbers, which were at once allotted.

The meeting broke up about three o'clock, when the thanks of the share-holders were unanimously voted to the Rev. Chairman, and the meeting separated.—The following reporthas been received from Capt. John Bishop:—

Aberysischik, Aug. 18.—According to your request, I now beg to forward you a short report on the present condition and prospects of each of the silver-lead mines we are opening in Gardiganshire—namely Langfellen, Cwm Symlog, Verligtmen, and Coning, In Langfellen sett, 14 lodes have dready been discovered—several of them being from 3 to 4 ft. and upwards in width, and bearing lead ore nearly up to the surface. We have sunk about 4 fms. deep on a 3# ft. wide lode, crossing the north adit level; it has yielded rich strings of ore all the way down; and we have a good mixture of lead, 2 ft. 6 in. wide, in the bottom of the sink.

Cwm Syntoc.—Of the several lodes proved on this extensive grant, we have, up to the present time, only been working in the 4-ft. lode, crossing in a north-cast and south-west direction the pper part of Cym Synlog Canal, and on the Great Daren lode. At the former, we have commenced saking on the lode in the end of the 15 fathom level, where, at the depth of 1# fm., we have since shreads and branches of lead, gone down in

the bottom. Another very promising lode we have lately discovered near the end of this level, running nearly parallel with the first lode; and, as it hades towards it, we have every reason to believe they come together some 3 or 4 fms. despere down. This mine, which is but a few secre fathoms from Sir Hugh Middleton's celebrated old Cwm Symlog Mine, which then yielded a profit of 2000, per month; is one of great promise. At Cwm Symlog Isa, we have been driving from the bottom of the 15 fm. shaft on some fine leaders of silver-lead ore, speckled with copper. On the Daren lode only 2 fms. have yet been driven, but they have produced about 2 tons of rich ore, 'The Daren lode is at present yielding to the Daren Company some hundred tons of fme aliver-lead ore from the Coed level, driven on the lode on the southern borders of this sett, and only at about 30 fms. distant from our shaft.

Volcalomen Mens.—Situated on the largest crystalline lode in Gardigmanhire; the famous Ain Bwieb, Hafed Mines, &c., have amply proved its continuous lead-bearing qualities. As it traverses low ground in crossing the Voelglomen property, it was considered best to sink a sitant of about 20 yards deep, and drive into the lode from the bottom of its. Since sinking to the depth above-named, we have driven 3 fms. In the direction of the lode, which we expect to reach at about 16 fms. more; the lode is at least 30 feet wide. In driving and sinking, some large strings or veins of lead ore have been cut, and have produced several tons of excellent ore; there can be no doubt but they are veins or feedors, branching outwards from the great lode, and which some of figure appear to enter near the intended termination (on the lode) of the present level.

Cosnoo.—This mine is about 1 j miles from Voelglomen, and on the same lode, which in this sett is trom 30 to 49 feet wide. We have move driven 16 fms. of the level we company to the control of the mountain, so as to reach the lode at a depth of some 17 or 15 fms.; and from our calculations, and th

TAVY CONSOLS MINING COMPANY.

TAVY CONSOLS MINING COMPANY.

At the two-monthly meeting, held at the Prince George Hotel, Stonehouse the accounts were examined and passed, showing—Balance last account, 451. 9s. 4d.; ores sold July, 1461. 4s. 3d.; ditto August 8, 2001. 9s. 6d.—3924. 3s. 1d.—By May cost, 1874. 13s. 7d.; June ditto, 1551. 15s. 6d.; merchants' bills, 281. 12s. 5d.—leaving balance to credit, 201. 1s. 7d. It appeared that permission had been obtained of the owner of the land to erect a kin for the calcining the ores on the mine, and Mr. Fisher, the purser, has informed the adventurers that it will be in action in a fortnight, when a better return might be expected. The following report from the agent, Capt. W. Goss, was read:—August 12.—In presenting you with my usual two-monthly report, 1 beg to say the cross-cut north in the 46 fm. level has been driven since the last meeting 2 feet 5 inches. Here I fully anticipated to have seen the lode, as there is a large stream of water issuing from the end, and spots of mundle and ore are sometimes seen. The operations at this place are at present auspended, and by the consent of your committee 1 have set the origine-shaft to sink 16 fms. below the 46 fm. level, including changing of the pitwork and all other necessary work to make the shaft complete from the 45 to the 56 fm. level, to 120t. The men have put in penthouse and other necessary work, and commenced to sink, and from the favourableness of the ground I hope to sink the 10 fms. in three months from this fine; then, being 10 fms. under the slide and disordered piece of ground that we have had in the 46 fm. level, we may reasonably expect to find our lode more settled than at the 46, where the slide is so near it. Looking at the size of the lode, and the ores returned from it at so shallow a level, it is my unbiased opinion that the lode will be found productive in depth, and remanerate the company for their perseverance and outlay. The winze from the 12 to the 24 fm. level has been communicated, which gives us good venillation, and

TYWARNHAYLE AND NANCEKUKE MINING COMPANY.

The usual meeting of adventurers was held at the mines on the 13th inst. when a statement of accounts was produced, showing—Balance at last account, (June 11), 1747. 14s. 11d.; mine costs for May and June, 5151. 3s. 8d.—6898. 18s. 7d.—By copper ores sold, 9th May and 13th June, (less dues), 4189. 8s. 10d.; sixth call, paid 1st June, 1850, 2500.—leaving balance against adventurers, 209. 9s. 9d.

The following are the principal features in the general report:—

The following are the principal features in the general report:

A considerable reduction has now been effected in the number of men employed, and costs will be lessened, owing to the completion of many of the works required to bring the mines into a good and economical course of working. The average raisings of ore amount to 660 tons per month, which may be expected to increase, and of much better quality, from new ground laid open in the eastern part of United Hills Mine. Of the tatwork trials, which are numerous, the following are the most deserving notice:—The 100 fm. level, driven 3 fms. east and west of Gardiner's shaft, is in a large lode, but has not yet reached the run of ore ground. The 90, east of Gardiner's shaft, has in the last two months passed through a fine course of ore, and will now turn out 8 tons per fathom, and is advancing towards and under some very productive ground in the 80 fm. level. Bennett's shaft, sunk to the 90 fathom level, has passed through a good course of ore all the way from the 80. The last 4 fms. turned out 10 tons per fm. The 80, east from Bennett's shaft, has continued to lay open very good ore ground, but is not now so rich, turning out from 3 to 4 tons per fm. A rise from the 80 to the 70 has gone up through a fine course of ore. In the 80, west of James's shaft, a course of ore above 30 fms. long has been laid open, producing 3 tons per fm. The lode in the 64 fm. level, at South Towan, has recently improved, and produces about 15 ton per fm. The lode in the 64 fm. level, at South Towan, has recently improved, and per fm. In the 0 fm. level, which while list, there is a very favourable change in the size and character of the lode, which has opened from a few Inches to a width of 5 fm., yielding about a ton of ore per fm. At Wheal Clarence, ground is being opened on the lead lode in the 40 fm. level, which will give some returns.—The report concludes: Our machinery and surface works have, up to the present time, required a large outlay, but hey are now chiefly complete

TREGORDEN MINING COMPANY,

TREGORDEN MINING COMPANY.

At the two-monthly meeting of adventurers, held at Liskeard, on the 15th inst., the accounts were examined and passed, showing—Balance last account, 272L 5s.; labour cost May, 136Z, 10s. 8d.; ditto June, 176Z, 10s.; merchants' bills, 203L, 5s. 11d.; over credit on ores, 37L, 12s. 3d.; dues, 10L 4s. 10d=836L 8s. 8d.—By call, 448L—leaving balance against the mine, 388Z 8s. 8d. A. call of 4L per share was made, and a meeting is to be convened to consider the state of affairs of the company.

The following report of the agent, Capt. W. Bryant, was read:—

August 15.—The new engine-shaft is now 4 fms. 2 ft. below the 20 fm. level. I expect this shaft will be down, and the lode cut at a 30 fm. level, in about three months from this time. The lode in the 20 fm. level north is 18 inches wide, still containing fine gossan, capel, mundic, and good stones of lead—a fine looking lode. We have now standing in the back of this level, between Wilcocks's and the north shaft, 35 fms. in length of whole ground 8 fms. high. The greater part will pay for taking away, and some of which is worth from 3t to 6t per fm., and can be taken away at about 25s. per fm. on an average. As the gossan holds down as deeps as the 20, which is a very favorable indication, I have no doubt das previously stated) that we shall find the lode much improved at the 30 level. I would recommend that the 12 fm. level be suspended for the present (as it is driven 10 fms. north of the north shaft), so as to keep the costs as low as possible, and force the engine-shaft. We are stoping in the back of the 96 fm. level, and rating good work. The stamps will be ready in about a fortnight; and I expect to get 5 tons of ore, as rich as any sold hitherto, ready for markt m about two months from this time.

WHEAL REETH MINING COMPANY.

WHEAL REETH MINING COMPANY.

At a meeting of adventurers held at the mine on the 19th inst., the accounts for May and June were presented, showing—mine cost, 1839. 18s., 7d. Tin sold, 25154. 12s. 3d., showing balance of profit 6751. 13s. 8d., and leaving in hand 11932. 16s. 3d., including 5202. 2s. 7d., brought from last account. The accounts baving been examined and allowed, it was resolved to make an immediate dividend of 6004, being 51. per share, leaving 5981. 16s. 3d. to be carried to credit of next account. The minutes of the proceedings of the committee were read and confirmed, and in pursuance therewith, it was resolved that in future the meetings be held once in three months, instead of bi-monthly, as at present; and that the next meeting be held on the mine on Monday the 18th Nov. next. It was also resolved, that henceforth there be no sub-division of shares below one-half of the original shares of 120ths legalised in the cost-book or account books of the mine. The captain's report of the mine was most encouraging, and the appearances are more flattering than ever.

[The Pensance Journal says that between 30 and 40 of the adventures were present, and the meeting was presided over by R. Pearse, Esq., whose appearance at Wheal Reeth, in good health and recovered from the injuries he received by the upsetting of his gig on returning from that mine some months since, was hailed with a great degree of pleasure by all present.]

WHEAL TREHANE MINING COMPANY.

WHEAL TREHANE MINING COMPANY.

The usual two monthly meeting of adventurers was held at Liskeard, on the 15th inst., when the statement of accounts was presented, showing a balance of 223%. 8s. 11d. due to the adventurers, of which it was resolved 60% should be paid on account of the balance due for the new steam-engine, and 163% 8s. 11d. be carried to credit of next account. The accounts showed—Balance in favour of adventurers, 404% 18s. 5d.; ailver-lead ore said 25th June and 19th July, 1288%. 13s. 10d.—1693%. 12s. 3d.—Labour cost and materials for March and April, 1075%. 15s. 3d.; dividend declared 1st June, 256%.; Wheal Trelawny adventurers for use of engine and water, 55%; lord's dues, 83%. 8s. 1d.—leaving balance in favour of adventurers, 223%. 8s. 11d.

The following agent's report was read to the meeting:—

Aug. 15.—Kelly's shaft is down 7 fms. 1 ft. below the 78 fm. level, and the ground continues favourable. The lode in the 75 fm. level north is at present small, but contains some good work, worth about 3%. FF fathom; in the south end, at this level, the lode is 2½ ft. wide, worth 8%. per fm. The stopes in the back of the 65 fm. level are still worth

10). per im. The lode in the stopes in the bottom of the 55-fm, level south, and back of the same level north, is worth 91, per fm. The stopes in the back of the 45 fm, level are worth 91 per fm. We less week sampled a parcel of rich ore, computed 52 tons, to be sold on the 17th inst. I beg to observe that, in consequence of execting new machinery, and making necessary alterations, our cost is much more than it otherwise would be; and since the fist-rods have been dissuggaged from the Trelawny segine, we have cut down and enlarged Kelly's shaft from surface to the 35 fm. level, and are now engaged in fixing new shaft-rods and pitwork for pumping our water to surface; the whole, I expect, will be completed by the end of next week, after which the cost will be reduced, and we shall again be in good course of working.

WEST WHEAL PROVIDENCE MINING COMPANY.

WEST WHEAL PROVIDENCE MINING COMPANY.

At a general meeting of adventurers, held at the mine, on the 14th inst., the accounts were examined and passed, showing—Tin and arsenic sold (less dues 884, 18a, 3d.), 15114, 10s. 10d.; plaince least account, 631, 168, 10d.—15761, 9a, 8d.

—By labour cost for March, April, and May, 8164, 0a, 2d.; merchants' bills, 1984, 8a, 5d.; Wheal Rodney adventurers half steam-engine, 5002.—leaving balance in favour of adventurers, 611. 1a. 1d.—It was resolved that, as soon as the agents see it practicable to erect and work steam stamps and whim attached they are hereby authorised to put one up, and in the interim to look out for an engine.—The following report, from Capt. Penglase, was then read:—

Since our last meeting of adventurers, we have driven our 60 fm. lovel 12 fms. west of Michell's shaft, on engine lode, through good tin ground, but the present end is poor; we then drove a cross-cut north 6 fms., and cut the north lode, and extended west on it 8 fms., and east of Michell's on the middle lode 10 fms., worth 144. per fm., and sunk a winze under this level 6 fms., oast of Michell's shaft, on the south lode, 20 fms., through moderate tribute ground, and we have working in the back of this level at 15a, which is worth 107. per fm. In the 55 fm. level we have driven west of Michell's shaft, on the south lode, 20 fms., through moderate tribute ground, and we have working in the back of this level at 12a. in 17. In the 40 fm. level we have driven west of 32. Aubyn's shaft, on the south lode, 20 fms., through moderate tribute ground, and we have working in the back of this level 9 fms., lode poor. There are three pitches working in the back of this level 9 fms., lode poor. There are three pitches working in the back of this level 4 fm. level 9 fms., lode poor. There are three pitches working in the back of this level—three men at 8s., and four men at 12s. in 17. We have sunk 8t. Aubyn's shaft which we call Hawkin's shaft. The pitwork of our engine-shaft is nearly completed to Whea

MINING NOTABILIA.

[EXTRACTS FROM OUR CORRESPONDENCE.]

MINING NOTABILIA.

[EXTRACTS FROM OUR CORRESPONDENCE.]

PENDARVES AND ST. AUBYN CONSOLS.—These mines, which extend over a space of about 600 acres, are situate in the parishes of Camborne, Crowan, and Gwinear, Cornwall; and consist of the following mines, which were formerly worked separately—viz: Wheal Nelson, in Camborne; Wheal Brooks, in Crowan; and Bosprowal, and West Bosprowal, in Gwinear. The Camborne part is in the land of E. W. W. Pendarves, Esq., M.P., and the Rev. H. M. St. Aubyn; the Crowan part is in the tenement of Halgurrack, the land of the last-named gentleman; and the Gwinear part is in Bosprowal tenement, the land of James Wentworth Buller, Esq. The dues are 1-18th; the respective grants are for terms of 21 years, created about Christmas last. The lessee is Mr. J. Reynolds, who has assigned the property to a Liverpool company; the same company have several other mines in the county—Wheal Unity, in Gwinear; Great Wheal Baddern, in Kea; Rocks Mine, in St. Austle, &c. The manager of Pendarves and St. Aubyn Consols is Capt. Josiah Vivian, who is the manager of Pendarves and St. Aubyn Consols is Capt. Josiah Vivian, who is the manager of North Roskear, and other mines; the agent is Capt. Johnson Vivian, brother of the late Capt. Andrew Vivian, formerly a celebrated mine adventurer of Camborne. At present the operations are mostly confined to Wheal Nelson, where a steam-engine has lately been set to work; this engine is intended to be used hereafter as a winding engine, in case there should be occasion for a more powerful draught engine, which will occur if the mine justifies the anticipations that have been entertained respecting it. We have received four long reports on these mines from Captains C. Thomas, J. Vivian, J. Lean, and F. H. Lean, which it would be superfluous to insert entire, but from which we gather that the entire setts extend 1000 fms. east and west on the course of the lodes, and about 500 fms. north to south. The main lode of Carn Brea, Tincroft, Cook's Kitchen, Dolcoath, and Cam

MILL POOL MINE, ST. HILARY .- The favourable reports circulated of this MIL POOL MINE, Sr. HILARY.—The favourable reports circulated of this mining property will soon be tested, as active operations have been commenced by a company of adventurers residing chiefly in the neighbourhood of the mine. The adit has been cleared home to the old workings, and considerable quantities of rich tin ore thereby discovered in the bottom and arches thereof, warranting the immediate erection of a 30-inch steam-engine on one of the shafts, which engine has been purchased of Messrs Harvey and Co., of Hayle Foundry, and in a few weeks will be at work.

BODMIN MOOR CONSOLS.—The tributers are doing well, and have a good to the of tin at surface; the stamps answer well, and the lode never looker

TREGEAR CONSOLS (Silver-lead).—They are raising stones of ore from 30 to 40 lbs. each from the new lode.

TRELYON CONSOLS.—The lode in Wheal Margery adit is now 4 feet wide, fair for driving, and containing fine specimens of black ore, 20 per cent. copper. The other parts of the mine are also looking well.

The other parts of the mine are also looking well.

TREVILLE MINE.—Some months since you did me the favour of inserting a communication, drawing attention to the parish or Lewannick and the imme diate neighbourhood—a district heretofore nearly disregarded for mineral wealth. This week I have again been there, and made a second visit to Treville Silver-lead Mine. I was really happy in seeing the spirited operations that were going on in that interesting concern—I again say interesting, as I believe that it will prove a forerunner in that neighbourhood to many rich and lasting mines, as South Caradon has done for its district; in fact, I may not be wrong in saying, that Lewannick is in the Caradon district, as it is not more than four miles in a direct line from Wheal Phoenix and Sharp Tor. The adventurers in Treville have erected, and are working, a new and powerful waterthan four miles in a direct line from Wheal Phosnix and Sharp Tor. The adventurers in Treville have erected, and are working, a new and powerful water-wheel; at present she is drawing from an engine-sianft, that is sinking to cut the lode 40 fms. deep. They are driving the deep adit on the course of the same lode. The entire produce from the present end gives a safe promise for an abundance of lead, and sincerely do I wish that it may be so. A complete whim is up and at work. A good supply of maternals are on the mine, and the houses immediately required are erecting—in truth, everything seems to be going on with judgment and satisfaction. Many of your readers may be unacquainted with this part of our eastern mining operations, and may, therefore, be induced to visit it.

De induced to visit it.

WHEAL CARPENTER.—The operations at this interesting little mine have chiefly been confined to driving a deep adit, in order to cut the lode in the 26 fm. level, which we hope to do in a day or two. Every adventurer appears to be waiting the result, as in the 17 we had a fine bunch of tin and grey ore, with truly beautiful greens and gossan, to be seen at Mr. Phillips's mining offices, Camborne, recently brought from the mine. The last two or three days' operations in the 17 have made a very rich discovery of tin and copper. We find shares are likely to exchange hands at good prices. We hesitate not to say that, if such a discovery was made in any mine in or about Camborne, Illogan, or Redruth districts, shares would speedily go off at 701. to 801. Wheal Tremayne, the adjoining mine, is looking exceedingly well, and giving good dividends, and is likely to do so for years to come.

WHEAL MAX.—From the captain's report of the mine, the prospects of the

WHEAL MAY.—From the captain's report of the mine, the prospects of the company are improving; shares are now enquired after, and since the company have submitted their engineering operations to Evan Hopkins, Esq., there certainly appears good ground for anticipating a return of ore from the lodes which

WHEAL NEPTUNE and WHEAL JANE (adjoining setts in Perranuthnoe) have been set to work under very promising prospects

HOLYHEAD HARBOUR.—The Government have completed the purchase of the ground and property requisite for the construction of the new harbour HOLYHEAD HARBOUR.—The Government have completed the purchase of all the ground and property requisite for the construction of the new harbour here, and the whole of the works will be pushed forward with the utmost expedition, nearly 1500 men being constantly engaged in the various operations. The engineers are proceeding rapidly with the extension of the sea walls at the northern breakwater, and are progressing with the erection of the stages. Many thousands of cubic feet of stones are now ready for the commencement and erection of the immense sea wall; and fresh supplies are daily obtained from the lofty heights that overhang the harbour, where extensive quarrying operations are being carried on; the material thus obtained, when thrown down into the breakwater, forms masses from 10 to 50 feet in thickness. The estimated cost of this new harbour, which will consist of 316 acres of sea room, is 700,0001, and of this sum the Chester and Holyhead Railway Company is liable to the extent of 200,0001; but the measure introduced into the House of Commons will relieve the company of this responsibility. Astunian Mining Company.—It was anticipated, some short time since, that the difficulties of this unfortunate company would have been arranged by the transfer of the property to a new company, formed under the auspices of certain Parisian capitalists, and Messra. Gillan and Wilkinson, who had been constituted trustees, provisionally signed the contract. At the meeting held on the 19th of July this was confirmed, but the liquidators, Messra. De Vitre, Forristall, Lowder, and Moore, who were appointed in August, 1849, demurred to this, and subsequently petitioned the Court of Chancery under the Winding-up-Act. Owing to the number of causes on the paper, and the lateness of the term, this cannot be considered until after the long vacation. In the mean-while, the trustees have called a meeting to be held on the 10th of September next, to take into consideration what steps are to be taken at the present juncture of affairs, and to annul all deeds entered into by the board of liquidators, who, it will be remembered, have given a power of attorney to their agents in Spain to liquidates the company. It would be premature to give at the present any opinion as to the probable result; but, under all circumstances, the final arrangement of the company's affairs, and transfer of the property, will have to be deferred some considerable period.

BANWEN IRON COMPANY.—The extensive property of this company was an-

Spain to liquidate the company. It would be premature to give a trae preany opinion as to the probable result; but, under all circumstances, the final
arrangement of the company's affairs, and transfer of the property, will have to
be deferred some considerable period.

Banwan Irox Company.—The extensive property of this company was announced for sale on Thursday last in Swansea. Up to the time of our going
to press no information of the results of the sale had reached town. In our
next Journal we shall be able to give some particulars of the plant, as well as
the probable future destination of the works. The impression at present is
that the property will be bought in by some influential parties formerly conmected with the old company.

New Guadalcanal Silver Mining Association.—Our readers are doubtless aware that the company formed for working the silver mines of Guadalcanal, after expending upwards of 12,000. in unwatering them to the 115 fm.
level, discovered that all the tradition of the richness of the lode, and that the
innes had been flooded while immensely productive, was false, the vein having
completely faded out in depth. Assurances were made in an elaborate and
copious report of a Royal Commission appointed by the King of Spain, that
when abandoned in 1636 it was ascertained that 12,000,000 of ducats worth of
silver had been extracted, and that the lower levels were enormously productive.

Of the mine having once been very rich there is no doubt, but whether the commissioners, who had access to the archives of Simaucas, and all the written
documents connected with the mine, were deceived by the tradition is, we think,
another question. However, the money was spent in uselessly going down
115 fms. while it is probable the great portion of the produce was obtained from
the 30 fm. level downwards, and it being a scrip company, and a comparatively
small number of shareholders being known, it was obliged to be wound up.
The property has, however, been setured; and from the reports of Capt.

of three months.

North British Australasian Company.—By advices from Auckland to the 13th March last, we learn that Mr. A. Black, of Aberdean, had been at Kaw-aw about three months, and was to leave, vià Adelaide, for England, in a few days, with a view, no doubt, of being present at the next annual general meeting of shareholders, as, it is said, he promises to return in January. The mine is represented to be very productive of copper ore, but no steps had been taken to prove the lodes at any greatdepth, although there was reason to believe that it would improve in quality, while large sums had been expended on working the shallow levels, and on surface operations. The mode of running the ore to regulus was also conducted on an erroneous principle, so that after going through the furnaces it was no richer than in the rough state, while the expense of this ridiculous experiment was estimated at 32 per ton! The lodes are said to be well-defined and large, and, if properly worked, likely to be very profitable. The dispute between the company and Messrs. Whittaker and Heale had been legally set at rest, but the agent of the former evinced much hostility to any mutual accommodation.

PROGRESS OF BRITISH MINING .- Nothing can be more conclusive as to the immense advances the mining interest has made during the last few years, or show the increased flow of capital in that direction, and the enlarged desires for this species of investment, than the fact that, in 1844, which may be considered the first year of the railway manis, our share list numbered but 88 mines, and many of them not at work, while in our present one may be enumines, and many of them not at work, while in our present one may be enumerated 258, the majority of which are in active progress, and many producing most advantageous results. It is also highly gratifying to find that those mines which have been established as dividend-paying adventures have, since our publication of the return of the past half-year's dividends, supported their characters to such title. In the seven weeks already past of the carrent quarter, there have been paid from fourteen mines 18,006/. in dividends. They are as follows:—East Wheal Rose, 35/. per share, 4480/.; Trelawny, 6/. per share, 5120/.; Wheal Eston, 5/. per share, 1640/. Wheal Ston, 5/. per share, 500/.; South Tamar, 15/. per share, 1640/.; Wheal Ston, 5/. per share, 640/.; Wheal Reeth, 5/. per share, 600/.; South Tojus, 2/. 10s. per share, 640/.; Wheal Reeth, 5/. per share, 600/.; Stray Fark and Lamborne Vean, 10s. per share, 500/.; Wheal Trehane, 1/. per share, 256/.; Providence Mines, 6/. per share, 672/.

CAUTION TO MINERS .- At the Lancastire Assizes, Robert Holland was in . CAUTION TO MINERA.—At the Lancashire Assizes, Robert Holland was dicted for having feloniously, on the 1st isst, set fire to a coal mine belong to Richard Evans, at Haydock. It appeared that the prisoner was emploin No. 14 pit, and, notwithstanding repetted cautions, persisted in drillinole in the pit, and commenced blasting it at an improper time, thereby sett the pit on fire, and endangering the lives of the workmen. His lordship of sidered that the prisoner could scarcely be found guilty of felony, as the fir had occurred more through the negligence or stupidity of the prisoner through the negligence or stupidity of the prisoner through the prisoner was accordingly acquitted.

ACCIDENTS.

Devon Great Consols Mine.—On Monday last, a man, named Ball, was at work under-ground, when a portion of the ground gave was, and fell upon him. When discovered his leg was broken, and he had sustained other njuries. He was taken home, and hope are entertained of his recovery.

re entertained of his recovery.

Great Consol Mine.—T. Davey has died frominjuries received by accidentally falling rom one level to another through a pass, when he was working.

Wendron.—H. Crocker was so severely scalled by an escape of steam at Polgear Mine agine-house that he died next day.

Chydach,—Josiah Walters, 10 years old, was killed by a fall of coal at the Craig Cwm Colliers, belonging to Mr. J. J. Strick.

erbyshire.—As W. Smith was ascending an innatone pit at Hady, a piece of stone fell the side, and struck him on the head, from the effects of which he shortly died. Conistone Mines.—John Newby sustained a conpound fracture of the leg, by the fall-

ing of a piece of rock which he had loosened by blasting.

Lindale Cote, Westmoreland.—S. Nicholas was lescending a pit of the iron mines here with a boy, when the ladder suddenly broke, precipitating them to a depth of 17 yards, the bottom being 5 yards in mud and water. A rope with a running noose was thrown down at a venture, when it luckily slipped over his file arunning noose was thrown was much cut and braised, but the boy was unintr.

Aberdare.—Two men were much burnt at Mr. Vayne's pit, by an explosion of fire-damp fireblem.

Sedgley.—J. Brotherton and J. Bonner were suking a pit belonging to Mr. White-sonse, when a skip of stones which had reached the top was allowed to overturn, and has dangerously injured the unfortunate men. Juks, the banksman, has been remanded in a charge of negligence.

Būson,—H. Roberts and J. Sheffield were clearing a stage in an old shaft belon o Messrs. Pemberton and Benton, when the boats being rotten gave way beneath it et. Roberts was precipitated to the bottom andwas killed, but Sheffield jumped he skip and was saved.

Tredegar.—As Mr. Thomas Harris, many year in the employ of the Tredegar Iron mpany, and much respected, was returning from a funeral, his horse took fright and tried, when he was thrown to the ground, and bitching on his head, concussion of the ain ensued, which caused his death the same nght.

Pon'spool.—Thomas Powell was killed by a fal of stone and earth while working in imestone quarry.

-Isaac Davies, aged 14, was killed by a "fail," in one of the levels

HULL, TRURSDAY.—Messrs. T. W. Flint and to, state that more attention has been paid this week to railway stock than to mining shees—in fact, the business in the former class of securities has been to some extent, especially in Hull and Selbys, and York and North Midlands—the former company pays a divisend of 21. 7s. this half year, on and after 31st current. There is a little more inquir; for lower-priced railway shares, but nothing yes in the shape of speculation to any extent.

Current Prices of Stocks, Shares, & Metals.

STOCK EXCHANGE, Saturday morning, Eleven o'clock.

Bank Stock, 6 per Cent., 217 ½
3 per Cent. Reduced Ann., 96 ½ 7 ½
3 per Cent. Consols Ann., 96 ½ 7 ½
3 per Cent. Consols Ann., 96 ½ ½ ½
3 ½ per Cent. Ann., 96 ½ ½ ½
4 ½
4 Long Annuities, 8
4 India Stock, 10½ per Cent., 267
3 per Cent. Con, for Acct. 1th Sept. 96 ½
Excheq. Bills, 10004, 1½d. 65 68s pm.

Ca., Gasarday morning, Escene o'cock.

Belgian, 4g per Cont., 91

Burdin, 2g per Cent., 67

Brazillan, 5 per Cent., 92

Chillan, 6 per Cent., ex Coup., 92

Russlan, 5 per Cent., ex Coup., 92

Russlan, 5 per Cent., 12

Byanish, 5 per Cent., 12

Ditto 3 per Cent., 37

Busslan, 5 per Cent., 13

the rise Mi R.

Mines.—There appears to have been an average amount of business transacted during the week, whilst a constant inquiry for dividend and leading mines have been kept up.

Buyers are to be found for Treviskey and Barrier, East Wheal Rose, West Caradon, South Basset, Tincroft, and several others.

A re-action appears to have taken place in South Cara Brea shares, as they are now offered at 6l., whilst a short time since they were sold at 111 to 12l. per share.

A re-action appears to have taken place in South Cara Brca shares, as they are now offered at 6t, whilst a short time since they were sold at 11t to 12t, per share.

From Devon Great Consols we learn that at Wheal Maria the lode in the 60, west of Gard's shaft, continues improving, especially in size. At Wheal Fanny, in the 55 fathom level, east of the eastern engine-shaft, the lode is 5 feet wide, worth 3 tons per fathom. At Wheal Anna Maria, in the engine-shaft, the lode is worth, for the length of the shaft, 12 tons of ore per fm. Other points of the mine are without any important alteration. At the Callington Mines they have intersected a branch or lode in Kelly Bray shaft, about 1 foot wide, containing good stones of ore. From 20 to 30 tons of copper ore are expected to be sampled in about three weeks. At South Tamar, 80 tons of silver-lead ores were sampled on the 17thinstant, and the manager states—"I have the satisfaction to add, that we have more ore at surface, and in course of dressing, than on any previous sampling day, and the mine is altogether in a much more favourable state." Heignston Down Consols is much improved. The lode in the 45, east of Victor's winze, is yielding 3 tons of ore per fm.; and the winze below the 35 is now worth from 2 to 3 tons per fm.

At the Badford United Mines the lode in the 103 fm. level east is 2 ft. wide, producing 4 tons of ore per fm. The stopes are yielding from 2 to

Heignston Down Consols is much improved. The lote in the 20, was of Victor's winze, is yielding 3 tons of ore per fm.; and the winze below the 35 is now worth from 2 to 3 tons per fm.

At the Bedford United Mines the lode in the 103 fm. level east is 2 ft. wide, producing 4 tons of ore per fm. The stopes are yielding from 2 to 3 tons. The lode in the midway level is worth 7 tons of ore per fm.

At East Wheal Josiah the lode in the adit level has improved, being now from 4 to 5 feet wide, carrying large stones of lead.

Wheal Franco is progressively improving in the 32 and 62 fm. levels going east towards the new set of Wheal Massah, producing saving work.

At Tincroft, we learn that Grout's lode, in the 90 fm. level, is exceedingly rich—a great part of which is producing ore of 50 per cent.; and it is intended to sample a parcel of it by itself. The tin sales will amount to 40 tons this month; but the average monthly returns will be 35 tons. Lewis is represented as in a very flourishing position, making a monthly profit of about 500l. The debts of the mine, due at the last meeting, have been discharged, and an early dividend may be anticipated.

Trelawny report is very encouraging. Two parcels of silver-lead ore were sold on the 16th, consisting of 136 tons; 100 tons realised 18l. 16s. per ton; and 36 tons, 3l. 11s. 6d.

Among the new adventures now before the public, we may notice Bicton Consols, whose position, being surrounded by the best paying and productive mines in the eastern district of Cornwall, renders it one of great consideration and importance.

We find by advertisement that the once productive mine, Wheal Phoenix, now called Wheal Arthur, is about being resumed; it was suspended some 20 years since, and had previously made large profits.

We learn that a considerable improvement has taken place at the Treuance Mines, inasmuch as the lode which proved so extraordinarily rich in malleable copper in the serpentine is now making ore in the killas, which change is deemed highly important.

At Daren, t

—Labour cost May, June, and July, 1592/. 10s. 7d.; carriage, 56/. 16s. 5d. materials, 547/. 17s. 1d.; lord's dues, 125/. 10s. 11d.; by dividend of 8/. per share, declared May 22, 896/.: leaving balance in favour of adventurers, 775/. 4s. 2d.; from which a further dividend of 8/. per share (672/.) was now declared.

At the Wheal Reeth meeting, the accounts presented shoved—tin sold 2515/. 12s. 3d., leaving a profit of 67.5/. 13s. 8d., which, with balance from last account of 520/. 2s. 7d., left in hand 1195/. 16s. 3d. A dividend of 8/. per share was declared, amounting to 600f., which would leave the sum of 598/. 16s. 3d. to next account. The captain's repost was encouraging, and the appearances of the mine are more flatering than ever.

At the Trehane meeting, the accounts showed a balance of 223/. 8s. 11d. in favour of the company. After payment of 60/. on account of the balance due for the new steam-engine, 163/. 8s. 11d. was carried to the credit of next account. The erection of the engine has necessarily involved a large amount of outlay, which precluded the payment of the usual dividend. The different levels and stopes are looking as productive as ever, and the recent alterations are now in good working order; and it is hoped, in a few months, the mine will resume paying dividends: 52 tons of rich silver-lead ore were sold on the 17th at 21/. 1s. 6d. per ton.

At Tregorden meeting, the accounts showed a balance of 389/. 8s. 8d. against the mine, with other liabilities, to the amount of 761/. 8s. 4d., when a call of 4/. per share was made. The general appearances of the mine are considered favourable. Some good work is being raised from the 20 fm. level; and the engine-shaft is down 4 fms. 2f. under the same; and much interest is taken in cutting the lode in the 30 fm. level: 5 tons of rich silver-lead or ear expected in about two months.

At Condurrow meeting, the balance against the mine appears to be 945/. 13s., accounted for by oraciton of stamps, and payment of a portion of the purchase money for rever

July, were audited, and a balance of 92i. 8s. was found against the company. A cargo of lead-ore was sold on the 13th inst, which produced 385i. 7s. 6d.; the expense of raising was charged in July cost. The prospects of the mine are progressively improving; 113 tons of lead ore have been raised during the quarter.

At Tavy Consols meeting, a balance of 20i. 1s. 7d. was found in favour of the company. The mine appears to be gradually improving, and a furnace is being creeted for calcining the ores, which will give them a higher per centures.

of the company. The mine appears to be gradually improving, and a furnace is being erected for calcining the ores, which will give them a higher per centage.

At East Pool meeting the accounts showed a balance of 5474, 12s. 5d. against the mine. The improved prospects of the mine renders an immediate call unnecessary, and from present appearances there is very little doubt of soon emerging from their present position and obtaining favourable returns. We shall give the report in our next.

At the Wheal Mary (Redruth) meeting, held at the mine, on the 14th inst., the accounts were presented, showing—Balance from last account, 1511.17s. 11d.; costs and merchants bills for May and June, 12461.19s. 7d.; call received, 2471. 10s. = 1209l. 0s. 7d.; leaving a balance against the adventurers of 189l. 16s. 11d.—The accounts were passed, and call 0.7s. 6d. per share made.

At the Dolcoath meeting, held at the mine on the 12th instant, the accounts for May and June were presented, showing—Balance from last accounts for May and June were presented, showing—Balance from last accounts for May and June were presented, showing—Balance from last accounts for May and June were presented, showing—Balance from last accounts for May and June were presented, showing—Balance from last accounts for May and June were presented, showing—Balance from last accounts for May and June were presented, showing—Balance from last accounts for May and June were presented, showing—Balance from last accounts for May and June were presented, showing—Balance from last accounts for May and June were presented, showing—Balance from last accounts for May and June were presented, showing—Balance from last accounts for May and June were presented, showing—Balance from last accounts for May and June were presented and last the committee be authorised to purchase one. Messrs. Stokes, Lowry, H. Lowry, Tregellas, and Milford, were appointed the committee; Mr. H. Ellery, purser; and Capt. R. Tyack, agent. The mine was divided into 256 shares, and a call of 11 p

Shares in the following mines have changed hands during the week:—East Wheal Rose, Devon Great Consols, Treviskey and Barrier, Tre-lawny, Mary Ann, Tremayne, Tresaveau, Bedford United, Wellington, South Tolgus, Venton, Heignston Down Consols, Tavy Consols, Peter Tavy and Mary Tavy, Daren, Langford, Langmaid, Callington, Lewis, Tincroft, South Molton, South Plain Wood, Wheal Crebor, West Caradon, Alfred Consols, Bishopstone, Montgomery, and Tamar Consols.

Alfred Consols, Bishopstone, Montgomery, and Tamar Consols.

In Foreign Mines, there has been an advance in Santiago, and transactions have taken place in St. John del Rey, Copiapo, Cobre, United Mexican, Australian, Imperial Brazilian, National Brazilian, Linares, Worthing.

The Linares report to the 10th inst. has been received, which continues of the same satisfactory character; progressive improvements are being mads. From a private source, we learn that upwards of 10,000! worth of lead has been laid open. The quantity weighed in stock during the week was 21 tons; whilst 23½ tons remained in stock, and 44 tons sent for shipment. At the ports of Seville and Malaga, there were 199 tons, making 287½ in the country.

By advices from the Santiago Mines, dated 19th July, we find that the lode in Thompson's shaft, at Perseverancia, is improved, producing from 12 to 13 tons of ore per fm. The lode in the 10 fm. level is worth 4 tons per fm.; in the back of the 10, in the eastern stopes, the lode is yielding 6 tons per fm. There are important indications of considerable improvements in other parts of the mine. At the Recurso Mine, the lode in the stopes of the 14 fathom level, east and west of Goldsmid's shaft, is yielding 6 tons of ore per fathom. Since writing the report, the lode has been cut in a winze, 8 fms. east of Thompson's shaft, under the 10 fm. level, and found worth 12 to 13 tons per fathom. These discoveries have caused a considerable improvement in the price of shares, as well as a demand for them.

From the Imperial Brazilian Mines the gold returns only have been re-

for them.

From the Imperial Brazilian Mines the gold returns only have been received, which were from 1st to 12th June—Gongo, 3 lbs. 5 ozs. 2 dwts.; Bananal, 1 lb. 11 ozs. 16 dwts. = 5 lbs. 4 ozs. 18 dwts.

From the National Brazilian the advices state the machinery and launders were being proceeded with, and expected to be finished in about a month. The returns are—Cuiaba from May 28 to June 7, mks. 2 5 1 64; Cocaes from June 4 to 14, mks. 2 6 6 26 = mks. 5 2 0 18.

From the St. John del Rey 422 lbs. of gold have arrived, per Adventurer.

A highly interesting letter from our correspondent at Adelaide appears in this day's Journal, to which we have pleasure in referring, as containing much valuable information as to the actual position of mining in South Australia.

Respecting the progress of mining in Wales, our correspondent writes: The bottom adit level at Daren continues westward, in a very good course of silver-lead ore, with an unusual quantity of copper, the copper yielding by assay 30 ounces of silver to the ton.

At Cwm Erfh the engine-shaft has just reached the 30 fm. level; it has been for some distance sinking in an excellent course of silver-lead ore, said to be 18 inches wide, con-taining a great quantity of solid ore.

Esgair Lee crushing-mill has just gone to work, and regular sales of ore may now be expected.

Esgair Lee crushing-mill has just gone to work, and regular sales of ore may now be expected.

At Allt-y-crib they have good ore in taking down side of the lode by the old workings. At Penybank they have good ore in driving the adit castward.

At Court Grange the new wheel is completed, and waiting for the castings. We hear the returns will be increased to 36 tons monthly, or upwards, when it is put to work.

At South Lisburne Mines we hear that good ore has been discovered in laying open the back of a lode for a length of 30 to 40 fms.

In clearing the old Goginan Mine, we find good ore ground standing in that pertino of the old works called the long drift. The lode in this place has about 56 fms. of backs upon it, with ore ground 36 fms. further eastward on the surface.

At Buch Consols they have good ore in divining the bottom level (the 45) eastward from the engine-shaft, and westward from Daran's, yielding in the western level about 404, worth of ore to the fm. They sold on Saturday last 30 tons, at 14. per ton—work-ling cost, 506. Estimate this mouth 60 tons, at 14. per ton, 810.—cost, 4301.; merchant's bills, 501.; royalty, 75.; profit, 285.

We would call particular attention to an article in another part of our paper, favoured us by an old stager in mining pursuits, on the Camborne mining district. As the spirit of adventure in this interesting kind of investment is evidently on the increase, we notice this to show there is no lack of materials on which to work; but that, on the contrary promising adventures are daily being brought to light, and that the field of legitimate mining pursuits is continually expanding.

LATEST CURRENT PRICES OF METALS.

ENGLISH IRON. a per ton.	Tile £78 10 0
Bar, bolt,□,London 45 2 6-5 10	Old copper e per 16. 84 844
Nail rods	Yellow Metal Sheathing 71d
Hoops 7 5 0-7 10	FOREIGN COPPER, f
Sheets (singles)	Chili
Bars, at Cardiff & Newport4 12 6-4 15	
Refined metal, Wales* 3 5-3 10	ENGLISH LEAD. g
Do. anthracite* 3 10 0	Pigper ton 17 5-17 10
Pigs in Wales 3 0 0-3 15	Sheet 18 5-18 10
Do. do. forge 2 8 0-2 10	Pipe 19 0 0
Do., No. 1, Clyde net cash 2 3 6-2 5	Red lead 19 0 0
Blewitt's Patent Refined Iron	White ditto 25 0 0
for bars, rails, &c., free on 3 10 0	Patent shot 20 10 0
board at Newport*	FOREIGN LEAD. A
Do do for the wlater boiler?	Spanish, in bond 16 0-16 10
plates, &c., ditto	ENGLISH TIM.
Stirling's Patent 7 in Glasgow 2 15 0	Blockper ciot. 4 3 0
Stirling's Patent 7 in Glasgow 2 15 0 Toughened Pigs in Wales. 3 10-3 15	Bar 4 4 0
Staffordshire bars, at the works 6 0 0	Refined 4 9 0
Rails 4 15 0	CONTRACTOR OF DESCRIPTION OF PROPERTY OF THE PARTY OF THE
Chairs (Clyde)	Pones V. C.
and in Facility becames because the fields of the facilities with the field of the	Banca, H. C 4 0-4 2
FOREIGN INON. 8	Ditto, for Export only
Swedish 11 15-12 0	Straits 3 19-4 2
CCND18 0 0	TIN-PLATES.
PSI	IC Coke per box 1 7 6
Gourieff	IC Charcoal 1 13 0
Archangel	IX ditto 1 18 0
POREIGN STEEL.	SPELTER, 29
Swedish keg	Plates, warehoused per ton 15 5-15 10
Ditto faggot	Ditto, to arrive
	The first of the second
ENGLISH COPPER. d	English shoot
Sheets, sheathing, & bolts, p. lb. 0 0 9	English sheet per ton 20 0 0
Tough cake per ton 79 to 0	OUICKSILVER O non 26 As

801. and sellers at 811. We are without transactions in Straits, which are held at 90s, and 83s. English the a very quiet, with but little doing. Tin-plates continue in good demand with a good business doing. Copper in moderate request, at the late reduction. Lead is the turn firmer, but we are without transactions. Spelter remains quiet, and but little doing, most is held at 151. 10s.

LEAD ORES

TICKETINGS FOR ABOUT 100 TONS (20 CWIS.) NEWTONARDS LEAD ORW

	Douglas, Isle of Man, August 21.		OTTO A	
1. 為日前し日	Bidder, Messrs Newton, Keates, and Co. (purchasers)	9 17	Ton. 6. 6. 6. 0	

Mines.		ce.	Purchasers.
Goginan		3 0	Newton, Keates, & Co.
ditto			
Frongoch	80 10	0	ditto
Cwmystwith	80 9 1	5 6	ditto
Bwich Consols	50 14 (0	Newton, Keates, & Co.
Court Grange		2 6	Sims & Co.
Billion Schlading - 15 sept 2017 Deliter A			STREET, STREET
East Wheal Rose	60 £13 12	0	Newton, Keates, & Co.
	50 13 6		
ditto	38 12 (6	T. Somers.
	Sold at Listeard.	A DOMESTIC	
Wheal Trelawny	£18	6	Newton, Keates, & Co.
ditto		6	T. Somers.
Wheel Trobane	EA 61 1		Tasks & Ca

BLACK TIN

 Mine.
 Tons.
 Frice.
 Purchasers.

 Drake Walls.
 6
 £46 12 6
 Daubuz.

 ditto
 3
 43 5 0
 Calenick Smelting Company.

 Tincroft.
 9
 43 2 6
 Calenick and Bissoe Companies.

 ditto
 1
 27 0 0
 Calenick Smelting Co.

 Calenick Smelting Co.
 Daubuz. Calenick; Williams;
 J. H. Enthoven; and Bissoe Companies.

 Companies.
 At 2 6
 Bissoe Company.
 | Companies. | Com

COPPER ORES.

Sampled August 7, and Sold at Andrew's Hotel, Redruth, August 22.

Mines. Tons.	Price.	Mines. Tons. Price.
Devon Gt. Cons. 3 112	£6 12 6	West Caradon 38 £10 10 6 Marke Valley 90 2 17 0
ditto 97	7 11 6	ditto 89 2 15 6
ditto 90	7 13 6	ditto 81 2 14 0 1
ditto 85	6 13 6	ditto 13 2 10 6
ditto 78	5 10 6	Fowey Consols 81 5 8 6
ditto 52	6 6 6	ditto 79 6 0 0
ditto 51	6 14 6	ditto 73 6 11 0
ditto 43	4 1 6	Wh. Friendship 107 7 1 6
Wh. Fanny 102	4 2 6	ditto 101 5 14 0
ditto 96	5 0 6	Phoenix Mines 70 9 18 0
ditto 94	5 1 0	ditto 48 14 12 6
ditto 73	3 17 0	ditto 47 4 19 0
ditto 72	8 4 6	Holmbush 97 4 13 6
Wh. Maria 101	10 7 6	ditto 30 7 6 0
ditto 70	6 10 6	Bedford United 119 6 1 6
Wh. Anna Maria 75	5 8 6	Wh. Mary 52 4 16 0
ditto 65	5 15 6	ditto 51 3 4 6
ditto 56	5 1 6	South Tolgus 94 6 15 0
West Caradon 100	6 7 6	West Wh. Jewel 57 4 0 6
ditto 90	6 15 6	Wh. Pink 51 4 16 6
ditto 66	9 9 0	Heignston Downs., 50 11 18 6
ditto 52	3 13 6	Wh. Unity Wood 6 4 6 0
distant and a second	COLUMN TO THE PROPERTY OF THE PARTY OF THE P	DUCE.

1627 13 0 672 9 6 722 18 6 414 1 6 634 10 0 229 8 6 246 1 6 596 5 0 25 16 0

 Average Standard
 £ 91
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 | Average Produce
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 9\$

 Average Price per ton
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COMPANIES BY WHOM THE OFFIC WERE BITECUASED

PROPERTY AND RESIDENCE OF THE PROPERTY OF THE PARTY OF TH	Tons	A CONTRACTOR	mou	nt.	
Mines Royal	. 123	£ 83	3 5	6	
Vivian and Sons	586	409	2 11	0	
Freeman and Co	448	257	3 13	0	
Crown Copper Company		52			
Sims, Willyams, and Co	855	424	1 17	0	
Williams, Foster, and Co	862	623	3 0	9	
Schneider and Co	268	141	16	3	
what is a Margarities to this man take at the	-	-		_	
Total tons	3244	£ 19,99	2 10	0	

ores for sale on Thursday next, at Audrew's Hotel, Redruth.—United Mines Consols 354—Tresavean 346—Sourt Caradon 250—Wheal Comfort 211—Tre-ols 118—West Trethellan 34—Richirds's Ore 6.—Total, 3862 tons. "Topper ores for sale on Thursday week, at White's Hotel, Pool.—Mines and Parcels.—North Roskear 670—North Pool 659—Theren 6.6—Total, 3662 tons.

Seton 404—Wheal Basset 375—Fowey Consols278—South Wheal Frances 230—Charlestown United Mines 66—Wheal Clifford 25—Copper Bottom 21—Wheal Banns 20.—Total quantity of ore to be sold, 3985 tons.

COPPER ORES

Sampled July 31, and Sold at Iwansea, August 22, 1850. Mines. Tons. Prod. Price. Mines. Tons. Prod. Price. Cobre. 101 142 £10 7 6 Cell 33 49 £3 15 0 ditto 96 144 10 3 6 Kennda 43 284 29 13 0

								Kpunda 40 20120 13
	ditto	. 86		14#	10	4	6	ditto 42 3021 8
	ditto	. 53		224	18	5 14	6	ditto 40 27419 15
IJ	ditto	. 44		225	11	18	6	ditto 38 38226 16
п	ditto	. 37		224	15	18	6	ditto 7 24417 8
п	ditto	. 6		774	5	0 2	0	ditto 39 29 20 19
	ditto	. 2	****	764	5	9 0	0	Kiw-aw 54 114 7 11
	ditto	. 87		18 .	13	3	6	ditto 53 121 8 4
П	ditto	. 75		177	1	2 15	6	ditto 50 112 7 11
1	ditto	. 73		174	1	3 0	0	ditto 23 114 7 11
1	ditto	. 58		184	13	3 5	6	Chnfuegos 60 8\$ 5 16
	erehaven	. 125	****	104		7 1	6	
1	ditto	. 117		104	1	0	6	Lanberis 68 154 10 15
1	ditto	. 107		104	7	0 1	6	ditto 42 84 6 1
	ditto	. 100	****	102	!	1	6	Birra Burra 51 352 26 13
	ditto	. 77	****	104.	7	1	6	ditto 49 35427 4
-	ditto	. 14		104	7	7	6	Lickamore 36 1117 15
1	urra Burra	. 60	****	364	27	10	6	Girtnadyne 32 112 8 5
	ditto	. 55		381	28	12	6	Billinge 11 134 9 10
Ľ	ditto				28		6	Klockmahon 50 74 5 8
	ditto						0	Girman Ore 40 64 4 5
и	ditto						0	ditto 6 164 11 14
1	ditto	. 35		374	27	7 2	6	Union 29 91 6 6
(hill	. 50		481.	3	5 14	6	ditto 13 18 12 18
Г	ditto	. 49	****	491	36	3 2	0	Billygahan 33 41 2 13
	ditto						0	Vne Siag 7 41 2 5
	ditto	. 40	****	484	3!	10	6	Management and Landson, Louis Little 1975.
	DEN TOSTO VAN				TO	TAT	r. F	RODUCE.
	obre	da	717				27.47	Lickamore 36 £ 279 18
	erehaven				3813		0	
	urra Burra				7951		0	
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	apunda				4537	3	6	
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	ienfuegos				669		6	
	lanberis				986			
						10	0	Vine Slag 7 15 18
1	urra Burra				2693	- 3	6	the state of the s

ba 100, ditto 6, ditto 4.—Knockmahon 9 3.—Total quantity of ore to be sold, 23	6 Kaw-	aw 36, dit	to 15C	rone	bane
AVERAC	ES.				
Produce.	Price		Sta	ında	rd.
ritish 105 oreign 254	£ 7 3	9	£90 90	12	0
Sale 202	£14 18	0	£84	6	0
Totals-British, 861; Foreign	1871 = 5	2732 (21 c	wts.)		
AVERAGES OF I	AST SA	LE.	10 S		

£19 13 6 391085186

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Bi

PRICES OF MINING SHARES.

Many of our readers and valued correspondents having often suggested the desirabtlity of enlarged information in our Share List, by stating the locality of each mine, and
the mineral produced, we are at length induced to accede to their wishes. As it is exceadingly difficult to obtain a correct knowledge of all the mines in our list in London,
we trust the agents, and others interested, will assist us in making corrections, filling up
blanks, and rendering the list comparatively free from the errors it has occasionally been
adjected to, from the withholding of information by parties connected with the mines.
We shall also at all times feel thankful fer correct information as to the number of shares
amount paid, price, &c., our object being to present as perfect a list as can be procured.

BRITISH MINES.

Share	BRITISH MINES.	Paid.	Dates
1000	Abergwessin (silver-lead), South Wales	9	
1024	Allt-y-Crib (silver-lead), Talybont, Cardiganshire	84	
1624	Balleswidden (tin), St. Just, Cornwall	9	14
128 905	Barristown (lead), Carrick, Ireland	5	
3650	Alley-Crib (alvor-lead), Talybont, Cardiganshire Balleswidden (tin), St. Just, Cornwall Balnoon Consols (tin), Uny Lelant, Cornwall Barristown (lead), Carrick, Ireland Bawden (silver-lead), Cornwall Bedford United (copper), Tavistock, Devon Birch Tor and Vittier (tin), Darinnor, Devon Binhopstone (silver-lead), South Wales Black Craig (lead), Kiricoulbrightshire Black Craig (lead), Kiricoulbrightshire		
1280	Birch Tor and Vititer (tin), Dartmoor, Devon	104	78 4
1500	Bishopstone (silver-lead), South Wales	10	. 10
8000	Blaenavon (iron), South Wales	50	
1024 5000	Biaenavon (iron), South Wales Bodmin Consols (lead), Wadebridge, Cornwall Bodmin Moor Consols (tin and copper), Bodmin, Cornwall	3	. 3
60	Bosorn (till), St. Just, Cornwall	44	. 10 121
2000	Botallack (tin and copper), St. Just, Cornwall	182	. 150
1500	Bottle Hill (lin and copper), Plympton, Devon Bridford Wheal Augusta (lead), Bridford, Devon British Iron, New, regis. (iron), South Wales Ditto ditto, serip Bryn Arian (lead), Cardiganshire Budnick Consols (lin), Perranzabuloe, Corawall Butterfon (lead), Menhemiott, Corawall Butterfon (lead), Menhemiott, Corawall	2	. 2
10000	British Iron, New, regis. (iron), South Wales	12	. 8
2400	Bryn-Arian (lead), Cardiganahira	2	
107	Budnick Consols (tin), Perranzabuloe, Cornwall	524	. 10 114
406 2000	Butterdon (lead), Menheniott, Cornwall		. 23
1000	Butterton (tead), Aennemort, Cornwall Bwich Consols (aliver-lead), Cardiganshire Callington (tead and copper), Callington, Cornwall Camborne Consols (copper), Camborne, Cornwall Cameron's Steam Coal (coal), Swansea, Wales Caradon Mines (copper), St. Cleer, Cornwall Caradon United (tin and copper), St. Cleer, Cornwall Caradon Vale (copper and lead), St. Ive, Cornwall Carbona (tin and copper), Crivan, near Camborne	26	. 5 5
1000	Camborne Consols (copper), Camborne, Cornwall	7	. 4
256	Caradon Mines (copper), St. Cleer, Cornwall	224	
256 1536	Caradon United (tin and copper), St. Cleer, Cornwall	24	. 58
1000	Carbona (tin and copper), Crowan, near Camborne	5	
1000	Carn Brea (copper and tin), Illogan, Cornwall	15	. 115 125
132	Carthew Consols (cop. & lead), near Wadobridge, Cornwall Carvannall (copper), Gwennap, Cornwall Charlestown (tin and copper), St. Austle, Cornwall Comblawn (lead), Callington, Cornwall Comblawn (lead), Callington, Cornwall Condurrow (copper and tin), Camborne, Cornwall Cook's Kitchen (copper and tin), Illogan, Cornwall Coombe Valley Quarry (slate), St. Ginnis, Cornwall Copper Bettom (copper), Crowan, Cornwall Court Grange (silver)-lead), Cardiganshire	213	
113	Charlestown (tin and copper), St. Austle, Cornwall	220	
128	Comfort (copper), Gwennan, Cornwall	45	
256	Condurrow (copper and tin), Camborne, Cornwall	20	110 115 17
2560	Coombe Valley Quarry (slate) St Ginnis Cornwall	5	
1000	Copper Bettom (copper), Crowan, Cornwall	5	. 7
900	Craddock Moor (copper) St Cleer Cornwell	9	
256	Crane and Bejawsa, Camborne	2	
1000	Own Erfin (lead), Cardiganshire	4	
7100	Copper Swittin (copper), Crowan, Cornwall Court Grange (silver-lead), Cardiganshire Craddock Moor (copper), St. Cleer, Cornwall Crane and Bejawa, Camborne Cwm Erfin (lead), Cardiganshire Daron (silver-lead), Cardiganshire Derwent (silver-lead), Durham Devon and Cautteny, Coursel, Copper)	10	. 3
1040	Devon Great Consols (copper), near Taylstock	114	. 3 31
1000	Dhurode (copper), Ireland	2	. 5
182 2560	Drake Walls (tip and copper) Calatonic Copper	30	. 20
0000	Devon and Courteinay Consols (copper), near Tavistock. Devon Great Consols (copper), near Tavistock Dhurode (copper), Iroland Dolcoath (copper and tin), Camborne Drake Walls (tin and copper), Calstock, Cornwall Durham County Coal (coal), Durham Dyfngwm (lead), North Wales East Balleswidden (tin), Sancreed, Cornwall East Birch Tor (tin), North Bovey, near Aelburton East Bulles (copper), near Redruth, Cornwall	45	
3000 1024	Dyingwin (lead), North Wales	10	. 10
2500	East Birch Tor (tin), North Bovey, near Ashburton	3	
1024 128	East Buller (copper), near Redruth, Cornwall. East Clure (copper), Redruth, Cornwall. East Carn Brea (copper), Redruth, Cornwall. East Growniale (tin), Tavistock East Godolphin (copper), Crowan, Cornwall. East Gadolphin (copper), Crowan, Cornwall.	2	. 5
2048	East Crowndale (tin), Tavistock	74	24
256 4000	East Godolphin (copper), Crowan, Cornwall	134	13
128	East Guouls Lake Junction (copper), Guunis Lake East Pool (tin and copper), Pool, Illogan, Cornwall East Seton and Wheal Maude, near Redruth, Cornwall	15	
010	East Seton and Wheal Maude, near Redruth, Cornwall	****	44
9000 256	Last Seton and Wheel Maude, near Redruth, Cornwall - Least Tamar Consols (allver-lead), Beor Ferris, Devon - East Tolgus (copper), Redruth, Cornwall - East Trescol (thi), Landvet, near Bodmin, Cornwall - East Tywarnhayle (copper), St. Cleer, Cornwall - East Wheal Ager (copper), St. Cleer, Cornwall - East Wheal Crofty (copper), Illogan, Cornwall - East Wheal Rose (silver-lead), Newlyn, Cornwall - East Wheal Rose (silver-lead), Newlyn, Cornwall - Esgair Llee (lead), Lhufihangel-y-Croythin, Cardigan, Exmoor Wheal Eliza (copper), Sunt Molton Davon.	14	14 14
1000	East Trescoli (tin), Lanivet, near Bodmin, Cornwall	1	18
128	East Wheal Ager (copper), St. Agnes, Cornwall	1	9#
94	East Wheal Crofty (copper), Illogan, Cornwall	125	95
128 1280	East Wheat Rose (silver-lead), Newlyn, Cornwall Esgair Liee (lead), Llaufihangel-y-Croythin Cardigan	2	3 34
248	Exmoor Wheal Eliza (copper), South Molton, Devon	11	
494	Freidd Llwydd Mines (lead), Wales	40	30
256	Esgair Lice (lead), Lianifhangol-y-Croythin, Cardigan. Exmoor Wheal Eliza (copper), South Molton, Devon. Fowey Consols (copper), Tywardreath, Cornwall Freidd Llwydd Mines (lead), Walos Garras (lead), near Truro. General Mining Company for Ireland (copper), Ireland. Gogrinan (lead), Cardiganshire	41	23
100	General Mining Company for Ireland (copper), Ireland	14	4
256	Gonamena (copper), St. Cleer, Cornwall	444	200 16
2500 256	General Mining Company for Ireland (copper), Ireland. Goginan (tead), Cardiganshire Gonanucius (copper), St. Cleer, Cornwall Georgia Consols (tin), St. Fre's, Cornwall. Grambler and St. Aubyn (copper), Redruth, Cornwall Great Consols (copper), Gwennap, Cornwall Great Wheal Baddern (tin and sliver-lead), Kea, Cornwall Gl. Wh. Bought Tor Consols (copper), near Camelford Grows Slate Company, Camelford, Cornwall Gastavus Mines (copper), Camborne.	2	3
96	Great Consols (corper), Gwennap, Cornwall	1000	250
512	Great Wheai Baddern (tin and silver-lead), Kea, Cornwall	20	85 90 20
000	Growa Slate Company, Camelford, Cornwall	5	5
026 512	Gustavus Mines (copper), Camborne	3	27 3
024	Hawkingor (copper), Calstock, Gunnis Lake	5	15
500	Heignston Down Consols (copper), Calstock, Cornwall Hennock (silver-lead), Hennock, near Exeter, Devon	24	2# 3
512	Herodsfoot (lead), near Liskeard	26s 16	14
000	Herodsfoot (lead), near Liskeard	124	12
900	Keswick (lead), Portinscale, near Keswick	10	12 15
024	Keswick (lead), Portinscale, near Keswick Kingsett & Bedford (lead & copper), St. Mary Tavy, Devon	34	3
	Kirkcudbrightshire (lead), Kirkcudbrightshire, Scotland Lamherone Wheal Maria (copper and thi), Lamerton	84	7 2
252	Lamarth Consols (copper), Gwennap, Cornwall Lelant Consols (copper), Gwennap, Cornwall Lelant Cossols (tin), Uny Lelant, Cornwall Levant (copper and tin), St. Just, Cornwall Lewis (tin and copper), St. Erth, Cornwall Lishurne (lead), Cardinavshire		10
256 160	Levant (copper and tin), St. Just. Cornwall	53	160
000	Lewis (tin and copper), St. Erth, Cornwall	17	12 13
100	Liwynmalees (lead), Cardiganshire	94	9 10
500	Llynvi Iron (iron), North Wales	50	50
000	Lewis (in ant copper), St. Erth, Cornwall. Lisburne (lead), Cardiganshire. Liwynmalees (lead), Cardiganshire Liyuvi Iron (iron), North Wales. Marko Valley (copper), Caradon, Cornwall Medip Hilla (lead), near Briatol Metha (lead) Newlyn, Cornwall Metha (lead) Newlyn, Cornwall Mineral Court (tin), St. Stephens, near St. Angle	3	11 15
128	Metha (lead) Newlyn, Cornwall	34	1100
256 000	Mining Co. of Ireland (copper, &c.), Waterford, Ireland	134	30 35 47 5
	Mineral Court (tin), St. Stephens, near St. Austle Mining Co. of Ireland (copper, &c.), Waterford, Ireland Moditonham & Marrabro' (copper & lead), Botus-fleming	18	41 5 32
		6	104 11
024	Nant-y-Car (copper), near Rhayader, Breconshire New East Crowndale (copper and tin), Tavistock North Wheal Basset (copper and tin), Illogan, Cernwall North Bully (copper), Bedrutt (copper), Cernwall	2	2
000 2	North Buller (copper), Redruth, Cornwall	2	10 5
256 1	North Tolgus (copper), Redruth, Cornwall	24	24
140	North Roskear (copper), Camborne, Cornwall	51	160
262	North Wheal Leisure, Perranzabuloe, Cornwall	11	12
512 1 128 1	North Wheal Basset (copper and tin), filogan, Cernwall North Buller (copper), Redruth, Cornwall (North Tolgus (copper), Redruth, Cornwall (North Pool (copper and tin), Pool, Cornwall (North Roskear (copper), Camborne, Cornwall (North Wheal Leisure, Perranzabuloe, Cornwall (North Wheal Leisure, Perranzabuloe, Cornwall Par Consols (copper), Blazey, Cornwall (Par Consols (copper), Blazey, Cornwall (Par Consols (copper), Camborne, Cornwall (Par Consols (copper), Camborne, Cornwall (Par Consols and St. Aubyn (copper))	55#	650
026 I 000 I	Pendarves Consols (copper), Camborne, Cornwall Pendarves and St. Aubyn (copper), Camborne, Cornwall	2	64 54 6
934 1	Pennaut and Craigwen (lead), Wales	3	5 54
048 I	Pennant and Craigwen (lead), Wales Pentire Glaze, United (silver-lead), St. Mervin, Cornwall Penghank and Ercloyd (lead), Cardiganshire Penghank (Consent time), Sancraed Consent	9	5
024 I	Penzance Consols (tin), Sancreed, Cornwall	34	6 24
000 1 512 1	Plymouth Wheal Yeoland (tin), Plymouth Devon	21	34 4
112 1 500 1	Providence Mines (tin). Uny Lelant, Cornwall	61	150
500 1	Chymney Iron (iron), Rhymney South Wales	10	10
000	Ditto New	7	12
000 I	Roche Rock (tin), Roche, near St. Austle	1	1 2 6 7
048	lunnaford Coombe (tin), Devon	21	5 51
048 8	emplank and Ercloyd (lead), Carrliganshire enzance Cousols (tin), Sancreed, Cornwall 22. Peter Lavy and Mary Tavy (copper), Tavistock, Devon Pymouth Wheal Yeeland (tin), Plymouth, Devonshire Providence Mines (tin), Uny Lelant, Cornwall thoswidded and Bacheiddon (lead), North Wales Mklynney fron (iron), Rhynney, South Wales Dilto New Socke Rock (tin), Roche, near St. Austle tocks Mine (tin), Roche, near St. Austle tunnaford Counbe (tin), Devon Snowdon (copper), Carnarvonshire, Wales South Balleswidden (tin), St. Just, Cornwall	3	5
000 5	South Tamar (silver-lead), Beer Ferris, Devon	1	21 3
128 5	South Caradon (copper), St. Cleer, Cornwall	5	260
100 8	South Dolcoath (copper), Illogan, Cornwall	6	10 12
256	South Friendship Wheal Ann (copper & tin), Devonshire	30	28 30
256 S 024 S	south Caradou (copper), St. Cieer, Cornwall south Cara Brea (copper), Illogan, Cornwall south Dolcoath (copper), Illogan, Gornwall South Friendship Wheal Ann (copper & tin), Devonshire south Molton (lead), Devonshire south Plain Wood (copper), Ashbarton, Devon south Plain Wood (copper), Ashbarton, Devon south Speed (copper and tin), Uny Lelant, Cornwall south Speed (copper), Refirth (Cornwall south Spee	2	5 5
300 8	South Speed (copper and tin), Uny Lelant, Cornwall	15	30
256 S	South Trelawny (lead), near Liskeard, Cornwall	284	1371 140
000 8	South Wales Mining Company (lead), South Wales	1	1
256 S	South Wheal Frances (copper), Illogan, Cornwall	101	315 325 550
124 8 256 8	South Wheal Josiah (copper), Calstock, Cornwall	2	31 4
000 S	pearne Moor (copper), St. Just. Cornwall	30	40
128 5	pearne Consols (tin), St. Just, Cornwall	10	60
128 S 256 S 94 S 128 S	it. Ausyn and Gryns (copper and fin), Breaze, Corn	21	71 81
128 8	st. Michael Peukivel (cop. & tin), Chacewater, Cornwall	5	104
999 8	iouth Speed (copper and tin), Uny Lelant, Cornwall ionth Folgas (copper), Redrith Cornwall Conth Trelawny (lead), near Liskeard, Cornwall Conth Trelawny (lead), near Liskeard, Cornwall Conth Wales Mining Company (lead), South Wales South Wheal Basset (copper), Iliogan, Cornwall Couth Wheal Josiah (copper), Clafatck, Cornwall Couth Wheal Josiah (copper), Calatck, Cornwall South Wheal Josiah (copper), Calatck, Cornwall Southern and Western, Irish (copper), Cork, Ireland Spearne Moor (copper), St. Just, Cornwall Spearne Consols (tin), St. Just, Cornwall L. Aubyn and Grylls (copper and tin), Breaze, Corn. St. Ives Consols (tin), St. Ive's, Cornwall L. Minver Consols (sliver-lead), Cornwall Lanar Con	104	214 23
600 1	annar Consols (silver-lead), near Tavistock, Devon avy Consols (copper), near Tavistock	3	44 31
587 T	'avy Consols (copper), near Tavistock	8	31 131
24 T	relusback, Stithians, Cornwall okenbury (copper), St. Ive. near Liskeard	T. ****	5
28 T	okenbury (copper), St. Ive. near Liskeard	74	8
148 T	rebell Consols	11	14
100 T	regear Consols (antimony and silver-lead), St. Kew	1	2 2)
2007	Control of the contro	10	171

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404	BRITISH !	Continued.	DIREC	Price.	proceedings which John of the Court
Table Cate	BRITISH !	ILKES-COMM	Paid.	to traffic by	that the chi
	aliver-lead), Menhemi Jonsols (copper), Rec Jonsols (tin), St. Yei (copper), Gwennas In (copper), Gwennas In (copper), St. Clear, I are Marrier (copper), (tead), Jewannick, (tead), Cardignashi (tead), Cardignashi Inna (copper), Gwenna (copper), Jona Consols (copper), Gwenna (co	ot	6	31	- s- Advent
ares. Trehane (s	aliver-lead), Menheni Consols (copper), Rec	ruth		7 81	its Princip
Trehane (s	consols (tin), St. Ive	ornwall	10	130	
150 Treison C	(copper), Gwennar		Dedruth 130	270	
96 Tresavent	in (copper), Gwenna	r), Gwennap, near	Redrusti 4	5	"H. G. S." ralogy, as
120 Trethella 120 Treviskey 512 Trethevy	(copper), St. Cleer,	Cornwan	9	160	liar merit
512 Treville	(lead), Lewanica	8	50	3	mentary F.G.S.L.
1000 Tyllwyd	lines (copper), Gwet	Cornwall	oe. Corn. 25	650	System 0
5000 Warlegs	an Consols (copper a	d tin), Perranuta	20	924 95	Mountain
256 Welling	uller (copper), Redri	keard G. Blaze	by 40	****	breadth.
128 West Ci	aradon (copped)	d copper), Cornwal	Cornwall 5	20 21	property
512 West Po	ar Consols (copper),	o and St. Mewall		120 150	
2500 West P	olgooth (tin), St. I	orne, Cornwall	5	10	spectable he allud
512 West 8	eton (copper), Canada (copper),	Swennap, Cornwi	all 3	3.4	names i
120 West I	Wheal Frances (copp	pper), Devon	Cornwall 12	51	ment,
1024 West	Wheal Jewel (tin an	(copper), Illogun,	Cornwall	5 11 12	44 M." (L
3845 West 7	Tolgus and Trelower	r), Illogan, Cornwi	rnwall 11	9	Renne
500 West	Wheal Treasury (co	Sancreed, Cornwall		34 31	may b
1024 West	Wheal Virgin (Mickie	w, Ireland Ire	land 13	0 150	THE RES
5200 Wick	low (copper and sul	istow, Exeter		0 28 29	the Y
5000 Wick	al Adams (copper), Ill	ogan, Cornwaii		501	have prelin
1000 Whe	al Albert (copper),	leiston, Cornwall	******	10 22	and a
128 Whe	eal Arthur (lead), ner	Cornwall		191 5	his f
256 Who	eal Bal (tin), St. atte	Calstock, Cornwall		9 10	for n
256 Who	(copper), (copper), (copper), (copper), Greenan m (copper), Greenan m (copper), Greenan m (copper), St. Clear (lead), Cardiganshi minos (copper), Greenan Consols (copper), Greenan Consols (copper), Greenan Consols (copper), Greenan Consols (copper), Lear Greenan Consols (copper), Cardiganshi Copper), Cardiganshi Copper, Cardiganshi Copper), Cardiganshi Cardiganshi Copper), Cardiganshi Cardiganshi Copper), Cardiganshi	k, Cornwall	Cornwali	90 93	3 has
2394 Wh	eal Carpenter (tin a	or) Cornwall		11 21	45 . W V
256 Wh	neal Courtenay (copper)	Tavistock, Devon.	all	3 54	6 Mag
1024 Wh	neal Elizabeth (coppe	antimony), near P	Devon	41 66	bo0
1024 W1	heal Emily (lead copy	er), near lavatoni		27 6	6
1024 W	heal Friendly (tin),), near Tavistock, I	wall	5 8	6
764 W	heal Golden (lend).	St. Columb Major.	Cornwall Wadebridge	4	
1000 W	heal an-Grose (silver-b	end, copper, &c.), in	wall		10
1000 W	heal Harriet (coppe), Kea, near Truro,	Cornwall		14 And
100 W	Theal Jane (lead), L	andulph	Callington		13
1024 V	Wheal Kingston	per and silver-lead	, Canas	79 17	0 175
6000 V	Wheal Langmaid (le	Uny Lelant, near	Hayle	. 5	14
2000	Wheal Margaret (the	ad), Menheniot	. Cornwall	251	6
513	Wheal Neptune (co)	Iston, Cornwall	wall	. 19	20
360	Wheal Oak, heal	d and copper), Corn	wall	154	72
3000	Wheal Plenty (copp	per), St. Cleer, Cor	I.M. corr.	41	120 270 T
128	Wheal Prospect	St. Ive's, Cornwall	nwall	107	6
120	Wheal Reeth (this	er), Camborne, Co	ornwall	63	5
198	Wheal Sarah (silve	er-lead), Lezant, Cor	ornwall	1	2 5
512	Wheal Squire (cor	per), St. Erm, Co	ornwall	61	78
128	Wheal Susan, Bre	opper), Gwennap, C	Bodmin, Cornwa	wall 34	41
513 1100	Wheal Trescoli (t	(allver-lead), near	Liskenru, Corn	Tayle 94	124 134 4
520	Wheal Tremaine	St. Ervan, Cornwa	Gwinear, near H	nwall 40	38 40
102	Wheal Tremayn	(tin and copper),	rnwall	24	
26	Wheal Union (co	pper), Redrutt, Co.	enwall	51 ···	
12	Wheal Venton	(tin), Alternum, Co	stephens, St. Au	nwall	60
100	Wheal Violet (ti	(copper and tin), (constantine, Con		
11	84 Wheal Vyvyan	FOREIGI	N MINES.	145	. 21 21
	Wheal Langund (de Wheal Margares (the Wheal Margares (the Wheal Mary Am (the Wheal Mary Am (the Wheal Mary Am (the Wheal Neptune (or Wheal Oak, near it Wheal Penhale (has Wheal Penhale (has Wheal Reeth (tib.)). Wheal Starah (alive Wheal Sarah (alive Wheal Sarah (alive Wheal Sarah (alive Wheal Sayah (alive Copy Wheal Sasan, Bre Wheal Trelawing Wheal Trelawing Wheal Trelawing Wheal Trelawing Wheal Tremaine Wheal Tremaine Wheal Chion (or Wheal Tremaine Wheal Tremaine Wheal Vincent (the	(copper).	Norway Spain	15	
	100 Alten Mining C	FOREIG! company (copper), company (coal, ipper), South Austre (copper), South Austre (coppe	ron, &c.,	18	** 63
150	000 Asturian (co	(copper), South At	astralia	23	33
20	000 Austrum	erial (gold), Brazil	Cuba	14	44

1000	Wheal Vyvyan (copper and tin), Consumers, Wheal Vyvyan (copper and tin), Consumers, Wiles, 22 23	1
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20000	Australia: (copper), South 40 40	
6000	Atteri Mining Company (const. 1	12
10000	Brazing Company (Copper), Chill Cootia. 20	
12000	Coord Stining Company Views & coal), Nova 2	
10000	Barossa Ramila (gold), Brazilan Paperial (gold), Brazilan (gold), Brazil	
2000	General Wining Association 3	
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500	Linares (leady)	
50	Diffo Mempany (Silver), Mexico 30	
	Ditto New Company (silver), Mexico 30 4 8 1 1 1 1 2 1 1 1 1 1 1 2 1 1 1 1 1 1 1	
505	Mexican and South American S. A. & New Zea. 1 11 12 1	5
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1040	Royal Santiago (copple), Brazil	
70	00 North Britaingo (copper), Claus 10 Royal Santiago (copper), Claus 11 Royal Santiago (copper), Claus 12 John del Rey (gold), Brazili 13 United Mexican (silver), Moxico 14 United Mexican (silver), Moxico 15 Worthing (copper), Adelaide, South Australia 16 NOVING WEEK.	_
110	of St. Mexican (silver delaide, South Australia	-
431	14 United hing (copper), Addison-	
100	Worthing (copper)	
-	THE ENSURE	

MEETINGS DURING THE ENSUING WEEK.

MEETINGS DURING THE ENSUING WEEK.

... Cornwall Rallway—Council Chamber, Truro, at Twelve.

Rhoswiddol and Bacheiddon Mining Company—offices, at One.
General Steam Navigation Company—offices, at Two.
London and Blackwall Rallway—London Tavern, at Twelve.
London and Blackwall Rallway—London Tavern, at Twelve.
South Wales Rallway—Paddington Station, at One.
Afred Home and Foreign Assurance Company—offices, at Two.
Afred Home and Foreign Assurance Company—offices, at Twelve for One.

**Twelve for One.

- East and West India Docks and Birmingham Junetion Rallway Company—offices, at Twelve.
- Cast and West India Docks and Birmingham Junetion Rallway Company—offices, at Two.
Norfolk Ratuary Company—offices, at One.
Norfolk Rallway—offices, at One.
Norfolk Rallway—offices, of One.
Britial Empire Mutual Assurance Company—offices, at Twelve.
Charing-cross Bridge Company—offices, at One.
Irish Waste Land Improvement Company—offices, at One.
Charing-cross Bridge Company—offices, at One.
Southampton Dock Company—offices, at One.
Direct London and Portemouth Rallway—London Tavern, at Divert London and Portemouth Rallway—London Tavern, at Divert London and Portemouth Rallway—London Tavern, at Divert London and Portemouth Rallway—London Tavern, at One.

Chester and Holyhead Rallway—Enston Station, at Twelve.
Newport, Abergavenny, and Hereford Rallway—London Tavern, Twelve.
West Cornwall Rallway—King's Arms Hotel, Westminster, at One.
Thames Haven Dock and Rallway—London Rallway—London Tavern, Orford, Wexford, Wexford, Wicklow, and Dublin Rallway—Northumberland
West Cornwall Rallway—Staton Rallway—Northumberland
Westford, Wexford, Wicklow, and Dublin Rallway—Northumberland
Westford, Wexford, Wicklow, and Dublin Rallway—Northumberland

SATURDAY ... Waterford, Wexford, Wicklow, and Dublin Railway—North Hotel, Dublin, at One.

MINING APPOINTMENTS DURING THE WEEK.

Par Consols sampling.

North Pool account on the mine.

Carn Brea and other mines sampling.

Carl Brea and other mines sampling.

Toketing at Endruth.—United, Par, Caradon, and other mines.

Toketing at Endruth.—Tincroft pay.

East Crofty setting.—Tincroft pay.

Pay day at Tresavean, Trethellan, North Roakear, Mary, Grambler, Condurrow, and West Scion. Levant tribute pay.

NOTICES TO CORRESPONDENTS.

ss upon our correspondents, the necessity of invariably furnishing and addresses—not that their communications should, co

**B. L." (Saapethorpe Collery, Wakefield).—The Graigola coals are of a character intermediate between thoroughly bituminous coal and anthracite; they are semi-bituminous, are of the kind called free burning coal, and highly proved for steam purposes. It is experiments made by Sir H. De la Beche, and Dr. Lyon Playfair, on the best satied to the steam nary, the actual number of Dr. Lyon Playfair, on the coals dered, is one of the kind called free burning coal, and highly sproved for steam purposes. Steam by 10. of the Graigola coal was 9-35 lbs.; and, all other circumstances considered, is one of the Kindy Sir H. De la Beche, and Dr. Lyon Playfair, on the coals dered, is one of the steam nary, the actual number of steam circumstances considered, is one of the Graigola coal was 9-35 lbs.; and, all other circumstances coals of the same of the carbon, 84-51 by 10, of the best for steam-boat purposes. It is represented as soft in character, carbon, 84-51 by 10, of the parameter, of the carbon, 10, of the carbon

MRME INSPECTION.—Sir: Will you be so good as to insert in your columns, for the edin-cation of Mr. David Mushes, the following paragraph from the Galeshood Observer of the 3d inst.—E. D.: August 20.—"An Anusing Blunder.—We recently reported the

STITING THE MINING JOURNAL, WALES becodings of a public meeting in Newcastle on the authect of coal mine inspection, at the John Blackwell, Eaq., a member of the town council, and one of the proprietors the Course, was in the chair of the coal. Some person, it seems, has jumped to the conclusion at the chairman was lift. Blackwell, the Government commissioner, founded in the assumption, and falled mangry with other persons because of ris own blunder." Adventurer "(Tower-hill).—Read the paper descriptive of the Cost-book System Principles and Practice —published in the Missing Journal of the 13th October, 1849.

Tinner" (Polgooth).—A paper on the Alum Trade and Works of England appeared No. 738 of the Missing Journal.

So. 738 of the Missing Journal.

A Tinner" (Polgooth).—A paper on the Alam Trade and Works of England appeared in the Mining Journal.

H. G. S." (London).—We should not undertake to say whose is the dest manual of mineralogy, as (Yerner's, Jurney's, Jurney's, Jurney's, Jurney's, Interval's, Jamesen's, Pullipe's, and others, have each their pocular mentary introduction to Mineralogy, "the destination property would recommend 'Phillipe's, and others, have each their pocular mentary introduction to Mineralogy," the control of the Mineralogy, "the mentary introduction to Mineralogy," the mental ment

receive some additional particulars, of any other information which our correspondent may be enabled to furnish.

BERECHY TRIAL FOR LIEEL—RICHARDSON Y. WODSON.—The proprietors of the York-bitermen, who stood trial for a libed through their publisher, on the 17th July lag, at the York assizes, before Mr. Justice Wigntman, and obtained a verdict in their favour, preliminary observations on the railway late published, in pamphile form, a roving and complete report of the trial, with law just published, in pamphile form, a roving and complete report of the trial, with law just published in the properties of the trial, with a row of the properties of the trial, with law of the properties of the trial with the properties of the properties of the trial with the properties of the properties of the trial with the properties of the proper

it be said, "truth is strange, stranged than fiction."

"" We are compelled to postpone several important papers—among them one on Electro-Magnetism as a Motive Power; the Claims of Inventors on the Public; a continuation of the Proceedings of the British Assization; the Sait-Works of Eugland; the Costbook System; Statistics of the Scotch Pig-Iron Trade.

. It is particularly requested that all comm

To the Editor.

Mining Journal Office.

26, FLEET-STREET, LONDON.

And Post-office orders made payable to Wm. Salmon Mansell, as neting for the proprietors

THE MINING JOURNAL

Railway and Commercial Sagette.

LONDON, AUGUST 24, 1850.

The MINING JOURNAL is published athbout Eleven o'ctock on Saturday morning, at the office, 26, Fleet-street, and can be okalined, before Twelve, of all news agents, at the Royal Exchange, and other parts of London.

The general tone of our correspondence during the week from the west of England, is both satisfactory as to the present and encouraging for the future in all the branches of our mining industry. A lively spirit of enterprise is animating the whole district, founded, A lively spirit of enterprise is animating the whole district, founded, as we believe, upon the ascertained resources of the mines generally, and the fair and occasionally full remaineration which they afford, as a whole, both to adventurers and workmen. There are some cases of remarkable success to which we could point; some others of the ordinary and everyday amount of prosperity; and some, certainly, to which the season of success has not yet come at all, but which is not the less reasonably, nor the less ardently, looked for which is not the less reasonably, nor the less ardently, looked for contingencies which wait, more or less, on all the branches of our foreign commerce; but we may domestic industry, as well asof our foreign commerce; but we may undertake to say that, throughout this year, we have advanced in undertake to say that, throughout this year, we have advanced in the behavior of the funds, and the fullness of the public revenue, are elevation of the funds, and the fullness of the public revenue, are two outstanding telegraphic declarations of our national success. We have reason to believe that things in the iron districts also in a course of improvement; and that the measures which have been adopted to stay the depression in that important branch are also in a course of improvement; and that the measures which have been adopted to stay the depression in that important branch fore, we are going through the autumn quarter as favourably as fore, we are going through the autumn quarter as favourably as fore, we are going through the autumn quarter as favourably as a spect, and a higher character, than it has had for some years past. as we believe, upon the ascertained resources of the mines generally,

In January, 1849, a commission was appointed for the purpose of inquiring into the present system of leasing and managing the real property of the Church it England and Wales, belonging to the archbishops and bishops, cahedrals and collegiate churches, and archbishops and bishops, cahedrals and collegiate churches, and for considering how such property can be rendered most productive and beneficial to the said chirch, due regard being had to the just claims of holders of such piperty, and to consider whether improvements cannot be made by paying archbishops, bishops, &c., Provements cannot be made by paying archbishops, bishops, &c., instead of fluctuating lalaries. The commissioners, who are fixed, instead of fluctuating lalaries. P. Wood, R. B. Armstrong, Lord Harrowsky, W. R. Lyll, W. P. Wood, R. B. Armstrong, Lord Harrowsky, and the second on the 30th July, which are port in January last, and the second on the 30th July, which are lost of houses, lands, manora mines, issued their first rejort in January last, and the real property of the church to connow before us. They find the real property of the church to confine our observations to tose under separate consideration, rent charges. They take eact of these under separate consideration, rent charges. They take eact of these under separate consideration or future proceeding, but we, of course, in their recommendation for future proceeding, but we, of course, in their recommendation for future proceeding, but we, of course, in their recommendation to tose under the head "mines and mines and mines and ply obscure; they murely say, "we have endeavoured to miserably obscure; they murely say, "we have endeavoured to lands), and had hoped to enbody in this report our recommendations thereon; but each of them have presented so many difficulties that we have deemed it expedient to reserve them and peculiarities, that we have deemed it expedient to reserve them is generally by lease, either for three, lives, renewable at every seven—for ping of any one life—for 21 years, renewable at every seven—for single for my one life—for 21 years, renewable at every seven—for minal, and a fine, varying it different cases, payable at each period of renewal, being the principal source of emolument to the lessor. Of them turn to the for considering how such property can be rendered most productive

Some are also need on long bases under a and o vic., giving power to grant long leases for building, mining, and other purposes.

We then turn to the second report, and find the recommendations of the commissioners to be as follows:—

of the commissioners to be as follows:—
The mining and mineral property of the shearch is ordinarily let on leases for three lives, or for 21 years, upon payment of a fise and small reserved rent; and the minerals are worked in some instances by the leases and small reserved rent; and the minerals are in addition may be said to be inseed to the mineral property—the major instances of the said to be incedent to mining property—the profitable source of render was leaves, and of opening pits and other essements for working mines, which rights are generally rethought it necessary to meet the said to be incedent to mining property—the control of the leases of the spread of the reasements for working mines, which rights are generally rethought it necessary to inter here into further defail with respect to the peculiarities of this spread of the spread of the reasements for miner the form of the spread of

eat of fines; and that with respect to other leases of mines (except the

the payment of fines; and that with respect to other issued to be effected in future without associal Acts), we resommend that no senewals should be effected in future without association of the Central Beard.

We think also, that in all future arrangements respecting mines, provision should be made for treating a part, not being more than three-fourths nor less than a molety, of made for treating a part, not being more than three-fourths nor less than a molety, of their produce as capital, and not as income.

We would further advise that no near the state of the classic state of the case of the consequence of the consequence of the consequence of the following the consequence of the following Act (5 and 6 Vic., 5, 108) before referred to this Act decelerating control to the Localisation of the Central Responsibility of the consequence of the following the consequence of the consequence of the following the consequence of the following the consequence of the payment of these payment of the paymen

we are not prepared to recommend any interference with the existing practice.

The recommendation as to the regulations for farms and lands being also applied to mineral property are—

The recommendation as to the regulations for farms and lands being also applied to mineral property are—

That the leases for fires should, in the first instance, be converted into leases for years, and when reduced by effusion of time to terms of 14 years, that they should be treated. The lives about he valued, and the rate of interest calculated, according to the same of the district, but a certificate of age and health should be furnished.

The Central Board should be compowered to commute a part of the furnished. In the ovent of the commence at an earlier period.

In the ovent of the first in the lease being precarious, a shorter term should be given as the equivalent, or, in case of any disagreement on this point, the convexion of the lease for lives into a base six may happen that the lease health the dropping of the precarious life. In some care the lease of years should not take of the lease been introduced by the lease of the terms of members of the that he lease should not be a concerned into a lease fur years should not take of the lease should not be a concerned on the terms of the terms of the terms of the state of the

otherwise result from the conversion of a freshold into a chattel interest.

In their introductory remarks, relative to all the different descriptions of property, the commissioners observe that, as a general rule, the fee simple in the landed property should remain in the church, but that a right of perpetual renewal should be secured to the lessees on the above arrangements.

We were actuated by a spirit of justice in our remarks, in the MINING JOURNAL of the 10th inst., upon the Flintshire mining riot, and we believe we said nothing that was not strictly applicable to

and we believe we said nothing that was not strictly applicable to the case, as our remarks are thoroughly borne out by the eloquent and dignified exposition of the law in these matters, as delivered by Mr. Justice Talfold exposition of the law in these matters, as delivered by Mr. Justice Talfold exposition of the law in these matters, as delivered by the said of the said of

and where these two matters concurred, evan if there was no commission of actual violence; determined by the parties who were proved to have taken part in such illegal proceeding would unserve the parties who were proved to have taken part in such illegal proceeding would unserve the parties who were proved to have taken part in such illegal proceeding would unserve the parties who were proved to have taken part in such illegal proceeding would unserve the parties of the case certainly does not encourage that private generally of the gystem sought to be introduced into the method of pediency of the system sought to be introduced into the method of pediency of the system sought to be introduced into the method of pediency of the system sought to be introduced into the method of pediency of the system sought to be introduced into the method of pediency of the system sought to be introduced into the method of pediency of the system sought to be introduced into the method of pediency of the system of each you have a subject to the method of the major into their own hands, thereby preventing its proper administration; and we consider Mr. WILLIAMS sympathy with them is more instration; and we consider Mr. WILLIAMS sympathy with them is more instration; and we consider Mr. WILLIAMS sympathy with them is more instrated of the land, or a judge of practical mining. The magistrates ought of administer the law, with respect to crime, as it can be conforced to administer the law, with respect to crime, as it can be conforced in pediency in the swithout distinction, neither sympathising with the offender or the instruction, neither sympathising with the offender or the instruction and the system of eight hours "to crime as its major and the system of eight hours "to crime system of eight hours "cores" entails any harding with the adving this asside, and considering the question upon its more system of eight hours "cores" entails any harding with the major with the m

Having, in another part of this day's Journal, inserted the concluding portion of Dr. FTFE's report on the results of his experiments of Warrs's patent hydro-carbon gas, in which his conclusions ments of White's patent hydro-carbon gas, in which his constants are so at variance with the patentee's statements, and the general impression of its brilliancy and economy in cost and labour where the southport, and other places in the large manufacturing districts—Southport, and other places in the large manufacturing districts—we now again call the attention of our readers, and those parties we now again call the attention of our readers, and those parties we now again call the attention of our readers, and those parties constrained and alarm which would arise among the public to more particularly interested, to the subject, to enable the public to more particularly interested, to the subject, to enable the public to more particularly interested, to the subject, to enable the public to more descriptions of east alarm which would arise among the proprietors of east districts with a purer and more brilliant gas, coming into their districts with a purer and more brilliant gas, coming into their districts with a purer and more brilliant gas, coming into their districts with a purer and more brilliant gas, coming into their districts with a purer and more brilliant gas, coming into their districts with a purer and more brilliant gas, coming into their districts with a purer and more brilliant gas, coming which would be got up against him, and the numerous position which would be brought into requisition to support that perversion of trut that would be brought into requisition to support that perversion of such that would be brought into requisition to support that perversion of such that a man like Dr. Fyre, holding a position to facts, although requested to do so even by so influential a body position to facts, although requested to do so even by so influential a body position to facts, although requested to do so even by so influential a body position to facts, although requested to do so even by so influential a body position of facts, although requested to do so even by so influential a body position of facts are so at variance with the patentee's statements, and the general

as the gas proprietors of Great Britain undoubtedly are.

In his estimate of the cost of production, Mr. White, employing 50 per cent, of pure hydrogen from the decomposition of water, puts down the water as nil. Dr. Fyer tells us that the 50 per cent, of hydrogen is also water as nil. Dr. Fyer tells us that the 50 per cent, of hydrogen is also nil, as far as illuminative power is concerned, and that the gas consumed, with the same and the state of Dr. Fyer's very elaborate report, this point out going into the details of Dr. Fyer's very elaborate report, this point is all sufficiently carbonised by coming in contact with the materials become sufficiently carbonised by coming in contact with the materials in the retort in which the carburetted hydrogen is produced, and their carbonised by coming the contact with the materials associated in the products, to give it great illuminative power? Does it to that extent dilute the more illuminative gas, and by that means prove worse than useless, or is it by any chemical action, or other means, got rid of alcothan useless, or is it by any chemical action, or other means, got rid of alcothan useless, or is it by any chemical action, or other means, got rid of alcothan useless, or is it by any chemical action, or other means, got rid of alcothan which should be answered—doubts and contradictions, which should be explained; and as we have received a communication from a correlation which should as we have received a communication from a correlation of the great interest which nected with the patentee, calling our attention to the great interest which the subject is exciting in the district, and offering us every information,

st happy

by others opinions desirable lictory, the a unilluminative rease such illu half a pint of these remarks tets, and having ny remarks in any other

A correspond nat not only who is both at hareholders i hareholders by lance, the item particularly cathe accounts of which, we must which these acceived after a complete. sheet, a comple tity and amount cost, and the av ncrease or de retrenchment description of publication; h of the Stray I the same pure counts being extenso, as or mines, the pra form. The anxiety to e worthy of m In the sa venturers in rations hav

ferred to a be prepare however, precise eco Wew

> WALES which line par to its I tive; fear to

it will be to the interest of Mr. Whith and his colleagues to do so; most happy shall we be to lay before the public any information which he forwarded us.

hat great interest is being excited in the central counties is evident, there can be no doubt a most brilliant gas, whatever it be, is produced he patentee. From an article on the subject in the Liverpool Mercury struct the following:—

stract the following:

town of Southport, one of the most delightful watering places in the kingdom, has for nine months past, been splendidly lighted up, through the whole of its extent, water's patent hydro-carbon gas, made from resin, or tar, and water, no coal most account of the extent of the whole process of manufacturing this gas at Southport, and or carefully gat in the etreets and shops of the town, and controls solit the surprise and the relefforded us to find a gas of surpassing brilliansy and purity, and so entirely one moke, that the cellings of the shops and houses were untarnlashed by if, pro
so easily and rapidly under this system. It is additionally pleasing to find that, the brilliancy and purity of the gas is decidedly suggerier to that from coal, it is pro
star much less price—perhaps at about one-last; and there being a large meter gashouse, we had coular demonstration that the rapidity of production is about as fast as from coal restorts of a similar size, while the labour of attending to the interior of the start of

gain creament of an hour's rice from or extensing our massic and which is suported by others in several provincial journals, so diametrically opposed
the opinions and results of a host of scientific experiments, that it is
ighly desirable it should be explained. We know there are many extradimry actions by chemical affinities, which, although they appear conadictory, the analytical chemist can easily explain; but on a commonmise view of the subject, it would appear as reasonable to mix 50 per cent,
farilluminative gas with a like quantity of powerfully lighting gas, to
crease such illuminative power, as it would be to put half-a-pint-of water
half a pint of alcohol, to make a pint of a stronger spirit. We are led
these remarks only from a desire to assist in promulgating scientific
tas, and having no other interest in the matter, cannot be led away by
ty remarks in a journal professedly the organ of the gas companies, or
on any other circumstances incompatible with facts and reason.

A correspondent, writing from Truro, expresses his conviction, that not only should a purser of a mine be an upright man, but one who is both able, willing, and anxious to present his accounts to the shareholders in such form as to enable them to see, at a mere glance, the items upon which their money has been expended. He particularly calls our attention to East Godolphin, a summary of the accounts of which mine appeared in the Journal of the 10th inst., which, we must add, by no means gives a view of the entire position in which these accounts are laid before the shareholders. In the statement, circulated after each meeting, there is, in addition to the usual balance-sheet, a complete analisation of the items forming merchants' bills, quantity and amount of each separate article—of the items forming tutwork cost, and the average gettings of tutworkmen and tributers. By this arrangement shareholders are enabled to compare, analyse, and judge of the increase or decrease of any particular expenditure, in what department retrenchment can be safely made, and the general cost of any particular description of work. In general, a summary is quite sufficient for our publication; but as we have this week a report and statement of accounts of the Stray Park and Camborne Vean Mines, under the management of the same purser as the East Godolphin (Mr. W. VAWDREY), and the accounts being made up in a precisely similar manner, we give them in actions, as our correspondent thinks they should prove a model to other mines, the pursers of which have not adopted so explicit and satisfactory a form. They certainly exhibit a care in keeping the accounts, and an anxiety to explain the actual position of the mines highly creditable, and worthy of more general imitation by others similarly situated.

In the same spirit we may also refer to the reports prepared for the adventurers in Wheal Crebor—given in another column—but, from the operations having so recently commenced, no such specific details as those referred to at Stray Park or

how necessary such precision and watchful attendance are in obtaining ultimate success in mining as in other operations.

We would a thousand times rather have heard of the unexpected success than, as we now do, of the unexpected failure of the South Wales Rallway. It is in itself an event, the efficient causes of which up to this moment are not distinctly traceable. Of itself, a line passing through a district tull of operative industry, and requiring the rapid transit of heavy goods, the conclusion, a priori, as to its productiveness would have been necessarily in the affirmative; but when we come to gather up the practical results, we have the misfortune to find them amounting to a failure, for we much fear the permanent earnings of this new line cannot, with any confidence, be expected to rise much above the humble figure which the first few months have realised for it. Still, if those to whom is committed the management of this useful and well-directed line would permit us to suggest to them, as an experiment, such a reduction of their rate of charges, both for goods and passengers, as would bring each into something like a competition with the water charges, by which the traffic is now taken from the line, the success and fortunes of their undertaking might yet have a chance of resuscitation and revival.

We do not think that the original traffic estimates of the district have been calculated in excess, and if we are right in that opinion, the want of business on the line must be attributable to the fact, that there are not sufficient inducements offered to attract the carrying trade out of its old and indirect routes to the new, and far more eligible, one. It is, for these reasons, that we make the suggestion, that the managers of the South Wales Railway should revise their tariff of charges experimentally, as it does not appear that by any change within the compass of their ability, they have so good a chance of the restoration of their fortunes as from this. We are aware that the South Wales is not an

We have in preparation for next week's MINING JOURNAL, but which was received too late for insertion in our present Number, some valuable statistical tabular matter, explanatory of the progress attention of that interest is turned to the great efforts made abroad for the reduction of foreign tariffs, and particularly as they are compiled from the works of a Prussian protectionist authority, will doubtless be read with interest. The statistical information they convey requires no elucidation, as every reader may from them draw his own conclusions as to the desirability of a duty on iron, which enhances the cost of tools, implements, machinery, vessels, railways, and every means of transport; limits the amount of employment, and condemns the labourer to work at prices which make even the cheapest necessaries of life too dear for him. Vast numbers of patitions have poured in from all parts of the Zollverein, even from the sources on which the Minister most depended, condemnatory of his commercial policy, especially from influential agriculturalists, merchants, and others, advocating a relaxation of the iron duties; and these petitions have even been supported at the late Congress a Bonn, even by the Rhineland frommasters, who will suffer from the repeal of the treaty made with the Belgiana. There is every probability, therefore, that public opinion in Prussia will very soon enforce more liberal measures; and having thus introduced what must be considered of great national importance, we postpone the subject until our next. attention of that interest is turned to the great efforts made abroad

MINING IN SOUTH AUSTRALIA

(race own connection).

Sin,—On the occasion of forwarding to you the annual report of our great Burra Burra Mine,* I will add a few remarks on the mining affairs of this country. I have not written to you for some time, for there really was no great novelties to write about; it would scarcely have been worth the postage to have repeated over and over again, that the Burra Burra was going on as usual, and that none of the other mines were doing anything worth mentioning. Your readers would feel no interest in hearing how one company had dug a hole here, how another company had scratched the ground there, and how, after

ber, how another company had scraiched the ground three, and how, after spending a few hundred pounds, the "mine were shandanded as unprofitable," because shiploads of malachite and red oxide are not found above the water level ! Your readers would have voted use a love had I furnished your columns with one-difficil part of the far from verticions account of new discussion of the part of

advertised to be sold by auction; want of capital is said to be the cause. The proprietors profess to be able to smelt at a cost of 10l. per ton of copper with a profit. The Yatala copper is well reported upon from India and China.

Messrs. Penny's Smelting-Works, Aporinga, 20 miles south of the Burra Burra, in a well-wooded country, are completed; but the supply of ore is as yet irregular. Should the Emu Plains turn out well, they may eventually do a large business; but even in that case the Patent Copper Company might erect furnaces themselves at the Emu Plains and absorb the supply.

Another small smelting-work is in full operation on the Bremer, in Mount Barker district; they have an agreement with the South Australian Company to smelt all their ores from the Kanmantoo Mines for two years, on terms which, report says, pays them (the smelters) uncommonly well.

[A pressure of matter towneds as a postone the conclusion of our correspondent's in-

[A pressure of matter compels us to postpone the conclusion of our correspondent's in-gresting communication until our next Journal.]

WESTERN AUSTRALIA.—By the India and China Overland Mail, Perth, advices and newspapers to the 26th May have been received. The projectors of the Western Australian Mining Company having prematurely expressed their conviction of the value and extent of the mineral lands in the locality selected for their operations, proceeded to negotiate with the Government for the pur-

* By favour of Messrs. R. Hallett and Sons (who received a copy by the Overland Mail) to were enabled to publish the reports in our Journal of the 3d inst.

chase of the land, when the very high rate of 2t, per acre was demanded. This proved to be a damper on the colonists' enterprise; all mining operations were thrown to the winds, and the company resolved to abandon the scheme to the South Australians, or any others whose capital was equal to the task. Of course a large amount of odism is heaped on the ruling authorities for making the minimum quantity of land it would sell to be 640 acres, at an upset prese of 2t, per acre, involving a greater outlay of capital than the pecuniary affairs of the colonists would admit. Why could not the projectors keep their own secret until after securing the block of mineral land to the northward? The prospects of the Geraldine Mine still apear to be favourably spoken of.

Pour Prillip.—Melbourne journals to the end of April are to hand. One of the most prominent items of news is the discovery of an extensive field of coal at Western Port. From the published report of Mr. G. H. Wathen, a mining engineer, who had recently returned from a survey of the coast from Western Port to Cape Liptrap, it would appear the coal measures present a continuous section for 10 miles to the River Bourne, and re-appear six miles along the coast at Cape Patterson, where the coal rises to the surface, so that within 100 miles of Melbourne there exist coal measures extending almost uninterraptedly along the coast.

New ZEALAND—Accounts from Auckland to the end of March notice the discovery of extensive beds of coal in several places on the Waikato river, brought to light by the exploration of the Rev. A. G. Purchas, an enterprising traveller. The positions are stated to be favourable, and the coal is described to be of a compact texture, with a brilliant conchoidal fracture. This discovery is of great importance in the contemplated steam arrangements between the mother country and the colonies.

COAL IN AMERICA.—A letter, dated New York, August 6, says:—"An interesting feature in our domestic thrift is that of mining for coal. It is in Pennsylvania and Maryland particularly that coals are diamonds. For the present year the product has been less than usual, but why I cannot understand, except it be owing to the serious disasters which have overtaken the public works over which the coal is carried, or to the combination of the proprietors to diminish the supply in order to keep up the price. The Reading Railway alone seems occupied with the transportation of the article in any large quantities. The greatest speculation in coal is now being made by one or two companies in the state of Maryland, who draw their stores from the mountains of Cumberland. By means of railways they have already begun to supply the market, and when the Chesapeake and Ohio Canal is a little nearer completion, they expect to engross it entirely. A fready the Cunard line, Collins's line, the Bremen line, and the Glasgow line, use it exclusively, and the rapidity of the pasages of some of these vessels is attributed principally to this cause. The pecular property of this coal is having a large proportion of carbon, with bitumen enough to ignite freely, not burning away too rapidly under a strong draught, yet maintaining an intense heat. The proprietors of the Cumberland mines are sanguine in their hope of being able to sell it during the next season at 12 sterling per ton. If so, both foreign coal and our own anthracite must give way in competition."

Advices by the last overland mail confirm the discovery of lead and copper

Advices by the last overland mail confirm the discovery of lead and copper Advices by the last overland man confirm the absorbery is the last overland man in the district of Bearbhoom, and a long official correspondence between the Government and its officers had taken place. It was expected that the Bengal Government would order certain experiments to be tried, for the purpose of testing whether the mines could be worked to advantage or not. A report on the pure contents of specimens of the lead and copper had been made by the assay master of the Calcutta Mint, and the following is the result:—

Lead. Pure Metal.
Metallic lead 98-00 per cent.
Native sulphuret lead 67-40
Copper.
Metallic copper 84-00
Native carbonate ditto 94-00
,

Native carbonate ditto

Native carbonate ditto

Sys.—"Gold mines have been discovered on our borders, near the River Yuruary, in Venezeulan Guina. The Zoyla came here a few days ago, bringing among its passengers one of the first merchants of Ciudad Bolivar, the capital of the Ornoque district of the Venezuelan state. This gentleman, who stopped here on his way to St. Thomas, brought with him some samples of gold lately found among the washings of the River Yuruary, and sent them to our office. The grains are about the size of a pea. The gold, there is every reason to suppose, is as good as the best in the world, and considerably superior to that of California. There is little doubt, from the vicinity of the Yuruary to our territory, that the veins of gold stretch to no little distance into this great portion of the American continent over which the British flag waves."

CALIFONIA GOLD.—The treasurer of the Philadelphia Mint has furnished

CALIFORNIA GOLD.—The treasurer of the Philadelphia Mint has furnished a statement of the business of the Mint up to the 1st August, by which it will be seen that the receipts of Californian gold at Philadelphia and New Orleans have reached \$21,000,000.

a statement of the business of the Mint up to the 1st August, by which it will be seen that the receipts of Californian gold at Philadelphia and New Orleans have reached \$21,000,000.

QUICKSILVER IN CALIFORNIA.—Regarding the progress of Mr. Forbea's quicksilver mines, we have the following extract of a letter from Mr. Burnett, the Governor of California, to a friend at Washington:—The quicksilver mine of New Almaden, within 12 miles of this place, is valued at several millions of dollars. In a few days, Mr. Forbes informs me, they will have 26 retorts in operation, and will extract 8000 lbs. daily, worth from \$6000 to \$8000—more than 2,000,000 annually. This is only one of several mines, but it is the largest."

NEW METHOD OF REFINING GOLD.—The accounts from the United States mention a highly important discovery in gold refining, made by Mr. R. S. McCulloch, Professor of Natural Philosophylin Princeton College, and the late U.S. melter and refiner at the Philadelphia Mint. This gentleman professes to have discovered a new, quick, and economical method of rofining argentiferous and other gold bullion, by which the work may be done in one-half the time at present required. It appears that the new method would save in labour and materials about one-half of the cost required by the process now used in the Mint of the United States, so that the charge to depositors for refining, which is now fixed, according to law, at the actual cost, may be considerably reduced. The apparatus required is less costly and more compact than that used in either of the methods now employed. The advantages in respect to space are such that, it is stated, probably five times as much work as at present may be done in the same building. Professor McCulloch has taken out a patent for the discovery, but has offered to dispose of it to the United States Government would accept, The New York Heruldsays:—By this new method, the Professor can, besides other advantages, refine gold or builtions, in parcels of one or two millions of dollars each,

MINING IN JAMAICA—THE PRECIOUS METALS.—It is highly probable that many, if not all, of the West India islands are metalliferous as well as Cuba; but from the peculiar attention paid to the cultivation of sugar and other tropical productions, no attention has been paid to mining pursuits. Gold and silver have long been known to exist in Jamaica, but from the same cause no explorations have been seriously made, with a view to turn the produce to valuable account, As capital is now, however, flowing into other channels than railways, and mining pursuits are getting highly into favour, greater science being employed in the modes of working, new sources of wealth of this description will be sought after, and, doubtless, found to a very great extent. A prospectus is now before us for the formation of a company, under the title of the Annotto Bay Mining Company, for the purpose of working some mineral land, covering an extent of 400 acres, having veins of copper, a lode of silver-lead, and favourable indications of much mineral wealth. That this island holds forth promise of its mineral productiveness may be gathered from the fact that many enterpristag and intelligent Americans are making large investments in mining operations, and a spirit of discovery has been set at work, which has led to the discovery of a metalliferous district in the parish of Metcalfe, some of which is said to have been lately assayed by Mr. P. N. Johnson, and found exceedingly discovery of a metalliferous district in the parish of Metcalfe, some of which is said to have been lately assayed by Mr. P. N. Johnson, and found exceedingly rich in metal. It is in this district, nine miles from the shipping port, with abundance of timber on the spot, and water-power available, that the company's land is situate, and to work which it is proposed to raise a capital of 12,0004, in 12,000 shares, of IL each, all paid up. We understand a specimen of auriferous and argentiferous rock from this neighbourhood has arrived in London; it has been broken open, and shows a compact mass of gold and silver. The silver ore is seen in detached nodules, thickly interspersed with grains of gold, calculated to produce 70 per cent. of the two metals.

MACHINERY AND IRON PIPES FOR SPAIN.—The contract for the supplying MACHINERY AND HON PIPES FOR SPAIN.—The contract for the supplying Madrid with pure water having been conceeded by the Government, the parties came over to this country to purchase the necessary steam-engines, &c.; they have now completed their arrangements, and several engines, with the requisite materials for carrying out this grand improvement, will be shipped immediately to Cadiz, to be forwarded to Madrid.

CONTRACT FOR COALS TO CEYLON.—The East India House will, on the 28th 1st., receive tenders to supply 500 tons of coal of any of the undermentioned inst., receive tenders to supply 500 tons of coal of any of the undermentioned sorts, to be delivered at Point de Galle, in the Island of Ceylon:—West Hartley, Carr's ditto, Buddle's ditto, Davison's ditto, Hartlepool ditto, Ravensworth ditto, Stewart's Wall'a-End Steam Coal, and Glasgow Hard Splint Coal, screened.

Original Correspondence.

TERRESTRIAL AND UNIVERSAL MAGNETISM. reason to doubt whether the Newtonian theory of gravitation can eventually be maintained, and that it will probably be substituted by a theory founded on our increasing knowledge of electric agencies. It is quite common in this age that one sows and another reaps; the multitude and subdivision of channels through which new facts or theories are filtered its, perhaps, more the cause of this than any greater intention of deliberately wronging the genuine claimant; a novelty being once suggested is floated about until it receives the sanction of some pre-eminent name, which pilots it into notice in the harbour of popular acceptation. I am aware that from time to time the Newtonian theory has had many objectors, who have attempted to invalidate it; but mere desultory attacks can make no permanent impression against views so powerfully and demonstratively supported. It is necessary before an assailant can turn any position of this mathematical fortress that he must have constructed something of his own which appears capable of occupying the ejected ground. However numerons may have been the suggestions derived from our yearly increasing acquaintance with that mysterious and omnipresent agent, which appears to be matter without the properties of matter, creating a revolution in definitions, and realising, as deep research invariably does at last, more or less, the early conceptions of great intellects, in presenting us with a true "soul of the world," and whatever may be Sir John Herschel's individual views, I must assert that the originator of the most cogent reasoning I have seen upon the agency of this fluid, as against the doctrine of gravitation, and the assumed laws of the centripetal and centrifungal forces, is Mr. Evan Hopkins, in his volume on Terrestrial Magnetism, published as far back as 1844. There is nothing under which I feel more impatient than to see any confusion or misappropriation in the rights of mean and tesum, whether it be in the property of reputation or of value, and I cannot resist expressi son to doubt whether the Newtonian theory of gravitation can eventu-

fore, this globe to have been created in a state of absolute cold, and that all the undecompounded substances we now recognise were created in it, and none of them imparted by foreign bodies (as, for instance, the elements of water and air by the access of comets), then not only the true metals and the metalloids, and all other substances, would have existed as pure solids, but oxygen, chlorine, hydrogen, nitrogen, &c., must have been in the solid state, and without moisture. The creation of the sun would at once impart a temperature wherever it shone upon the surface sufficient to develope the oxygen into gas, and set to work a furious interchange of chemical energies, attended with great heat, amongst which the combination of the elements of water might have been effected. As these effects could be merely superficial, it would follow from such a theory that there are magazines of solid gases still pervading the cold regions of the central earth. Low temperatures are favourable to the energy of magnetic currents; heat, amounting to fusion, is found to annihilate them. An analogy which has been brought in support of the opinion that the whole crust of the earth with a hot and fused coating of oxidated matter.

It is certain if these bodies have been revolving in absolute vacuity with their metalline components in a pure state, and thence passed into our atmosphere with velocity, an intense oxidation of the surface would ensue, attended with fusion. It has been asserted by learned authorities, extensively conversant with meteorolites, that they differ in no other respect, except dimension, from the earth and the known planets. If this opinion is well founded, it ought to follow that those gaseous elements, which in the form of air and water supply the pabulum of electro-chemical action in and on the earth, form no part of its original creation, but are separate accessaries, into which the earth has entered, exactly as these smaller types enter into our atmosphere of moderate extent. We are told that "God divided tion which appears to form all that we know of life, and even binds in some common laws both organic and inorganic matter. In his eminently practical volume, Mr. Hopkins has indulged in only one speculative conjecture, as to the possibility of interior stores of hydrogen accumulated by action of the oxidising solids upon water. This is a very curious speculation, which would lead to singular ulterior results. As to his determinate opinion that the granitic crust is not the product of igneous fusion, and which he has founded upon an examination of the most massive sections of its substance, it goes far to disembarass us of a host of difficulties tions of its substance, it goes far to disembarase us of a host of difficulties and complications which are entailed by the Plutonic theory. I never could trace in the crystalline fracture of this fundamental crust the slightest resemblance to the crystalls of fusion. It presents the same casy uniform arrangement which belongs to other rocks, confessedly the product of aqueous crystallisation, and with no trace of that cellular irregularity which is an essential characteristic of the expansion of gases at fusing temperatures; nor could I ever digest the assumption of this globe having been occupied for hundreds of thousands of years in accumulating coal beds. Thick veins, in which the whole mass is uniformly converted by fermentation into a new substance, showing the faintest traces of the oribeds. Thick veins, in which the whole mass is uniformly converted by fermentation into a new substance, showing the faintest traces of the original vegetable texture, could never have been collected by the scattered and desultory accidents of countiess ages. There is a certain uniformity through the whole measures of a coal-field, which evince a constancy of action and condition which could not have endured through such indefinite periods of time. I do not believe that beds of lignite will ever pass into true coal; the energies for the transformation are wanting. In addition to the views on the composition of coal-fields, which Mr. Hopkins has derived from observation, may it not fairly be supposed that in more early tion to the views on the composition of coal-fields, which Mr. Hopkins has derived from observation, may it not fairly be supposed that in more early periods the, heat arising from the oxidated crust was greater—hastening vegetation, and perfecting the fermentation of its products? That the alleged magnetic action and movement of the exterior of the earth, which appears to have arranged it in its present structure, is a true theory, it is impossible to question in the face of such evidence; but that the same degree of that action which at present exists should have been sufficient to call into being, and to arrange all the geological features of the sedimentary strata, is a point which offers the greatest difficulty to my conception. When the granitic crust was yet soft, and a great thickness still under aqueous solution, its warmth, if produced by an oxidating action on a

metalline interior, must not only have been much greater, but the mobility of the surface must have far exceeded that of its present condition, greatly accelerating that motion northward, of which the very form of the great continents appears a proof. The mere accession of bulk, imparted by oxidation of a very small proportion of the earth's diameter, would have been sufficient to raise all our continents from the greatest known depths of the sea.—David Musher: Aug. 13.

COAL MINE INSPECTION

Sin,—The bill for this purpose may now be considered as passed; and as is a common opinion that Acts of Parliament

For nothing else but to be mended,
the task cannot be too early undertaken of examining what amendments are likely to be required, or called for, in the next session. By what I hear, this Act already gives by no means a full measure of satisfaction to its originators; and, therefore, by considering the plans which they had proposed to themselves, and comparing them with the short comings of the Act, the extent of the further demands which have to be made will appear. The minimum amount of a "cramped and limited inspection" was comprised in the following outline:—A tax of \$\frac{1}{2}\$d, per ton in the first instance was to be levied upon all coals raised in Great Britain to produce an estimated revenue of 30,000! per annum. This was to be divided to 200 sub-inspectors at 100!. a year each, 20 inspectors of division at 400!. a year each, and two commissioners in chief at 1000! each—total, 30,000!. By degrees as the system worked its way from the cramped and limited, or cocoon, state, it was anticipated the tax might be raised to 1d, per ton, affording a handsome fund for a most extensive benevolent patronage. Details have, as you are aware, been very jealously withheld from inquirers; and to this moment, so far as the public is concerned, the great opus remains locked up in the breast of the Secretary of State; so that my account of the plan may undoubtedly be obvious to some corrections in small particulars. Some difficulty has been anticipated in finding competent men in such numbers; but there are nurseries of them already in existence. Mr. Elliot, in his evidence before the Lords' committee, states that it is customary to apprentice young men to be viewers at a consider—

my account of the plan may undoubtedly be obvious to some corrections in small particulars. Sone difficulty has been anticipated in finding competent men in such numbers; but there are nurseries of them already in it existence. Mr. Elliot, in his evidence before the Lords' committee, states that it is customary to apprentice young men to be viewers at a considerable premium; and, when they come out of their time, "they are unfit to be the working men in the matter; but are merely fitted for a general superintendence." It has been estimated that there are more than 100 of these qualified inspectors in and about Newcastle alone, willing and desirous to do the nation service, connected with benevolent town councilmen, who pass for Government commiscioners, and who, most deserving of the esteem of their neighbours, are willing to confer a favour on the Government by handing these young men into the posts for which they are so especially qualified. Now, it is pretty evident the Secretary of State will not venture to come to the House next session for a vote of 30,000. for the proposed salaries. By a great omission, the tax on conlowners has not been inserted in the bill. There is, perhaps, a better reason for this than has been supposed; lut the result in the meantime is, that there is no permanent fund to dig at; and the existence of the boon of inspection depends on future votes to be wrung from the Commons, with the Gorgons of economy staring on every side. It is plain, then, this part of the bill requires to be mended and agitated against. For success in this important agitation, valuable hists, I think, may be derived from Mr. Tremenheere's report, just published. We there learn that the system of strikes is kept in existence by paid agents, who extract saltries of 30s. a week by contributions from the earnings of the working men—in return for which graulity, they keep the mes in ferment, and at times bring them into collision with the authorities. Act, therefore, upon this example.

We are informed that the wh

MINE INSPECTION-VENTILATION.

MINE INSPECTION—VENTILATION.

SIR,—In your Journal of the 10th inst. I noticed a communication from Mr. D. Mushet, headed "Mine Inspection," in which he professes to point out the basis of the true theory as to the proper area of the upcast pit, in cases where furnace ventilation exists, and arrives at conclusions favourable to the small air-channel system, adopted and advocated by Mr. B. Gibbons. That Mr. Mushet is greatly in error I think can readily be proved; and as it is of some importance that false theories on this subject be shown to be such, I have to beg the favour of space in your columns to do so in this case. I believe Mr. Mushet will allow that I correctly express the proportions which he has assumed to exist between the quantities in the cases he has supposed for illustrating his meaning, in a tabular form, thus—

Weight

Total mo—

Momentum required to

Area of upcast pit.	Weight of air circulating in a given time.			Velocity of air in the upcast pit.			Total mo- momentum of the upcast current.		Momentum requi be imparted to superincumbent c of atmosphere to equal ventilati		
A.	7	B.		C.	insy.		B. x C.		200	A. X C.	
. 50	 	100		 200			20,000			10,000	
100	 	100		 . 100			10,000			10,000	
200	 	100		 50			5,000			10,000	

The conclusions here arr the false assumption, that equal quantities of air are circulating in each of the three cases

ne three cases supposed.

If, however, we, like Mr. Mushet, omit the effects of friction, and follow instead of his assumption, the true theory, that the ve instead of his assumption, the true theory, that the velocities of air in each of the three cases are equal, or what is equivalent, that the quantity of air, of uniform density, discharges through any orifice by a constant pressure, similar to the excess of pressure of the downcast column over that of the upeast column of a coal mine, is simply proportional to the area of that orifice, and for the remainder pursue Mr. Mushet's own mode of viewing the question and results (which I would not be understood to sanction as the correct mode of viewing the question, but merely such an one as will serve to confute Mr. Mushets conclusions), they would stand thus:—

Area of upcast pit.	of circu in	air lating a a time.	Velocity of air in the upcast pit.	momentu of the upcast current	in be imparted to the superincumbent colum of atmosphere to adm
A.		B.	C.	B. × C.	A. x.C.
50		50	100	5,000	5,000
					10,000
200	** ** ** **	200	100	20,000	20,000

A glance at the two last columns will show that Mr. Mushet's concluous are not only upset, but actually reversed, by rejecting this one false

it will to rep as m

assumption, and substituting equal velocities under one and the same pressure; for the pressure is dependent on the depth of the upcast, which is here supposed to be one and the same, except in area. This last table, however, does not embrace the effects of friction are more, than Mr. Mushet's, and the conclusious in consequence are more for favour of a large pit than they really ought to be, inasmuch as the portion of pressure which is expended in overcoming the friction of the air in the other parts of the mine is unaffected by the size of the upcast pit; never theless, since the pressure required to expel air through an orifice of a given area is proportional to the square of the velocity of effux, it follows the pressure would be absorbed, in causing the same quantity of air to be discharged in a given time that would be required in a 200-ft. upcast; and its extra expenditure of pressure would reduce the proportion of pressure remaining to overcome the friction of the air in the passage of the international properties of the passage of a given quantity of air than the upcast pits.

Mr. Mushet, in one place, states "the column of heated air issuing from the small pits as compared with the larger ones, the amount of reduction being dependent on the area and length of air-courses, &c. In all cases, apposing that no part of the air-courses present less facilities for the passage of a given quantity of air than the upcast pits.

Mr. Mushet, in one place, states "the column of heated air issuing from the upcast pits."

Mr. Mushet what amount of power it would require to change the direction of fluids in motion, if a double amount only retards motion? This, new law of fluids laid down by Mr. Mushet involves the absurdity of a lesser power overcoming a greater, and the opposers of mine inspection and making calculations based upon an importance of the properties of fluids in motion, if a double amount only retards motion? This, never law is suitable and the properties of fluids laid down by Mr. Mushet involves the

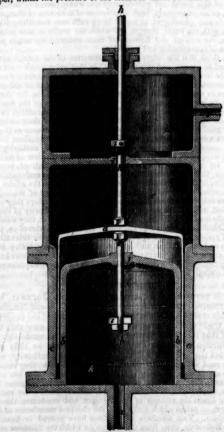
FURNACE VENTILATION.

FURNACE VENTILATION.

Sir,—My attention has just been directed to the latter part of a letter in your paper of Saturday, the 10th inst., from Mr. Mushet, in which my name is mentioned, respecting the formation of the natural brattice in furnace ventilation, as given in evidence by Mr. Gurney before the Lords' Committee last session. Mr. Mushet confounds this question with that of the furnace paradox, given also by Mr. Gurney in an earlier stage of the inquiry, resting on totally different data. Mr. Mushet seems to have forgotten that the natural brattice, which be evidently refers to, is founded on the disturbance of the pneumatic balance—disturbances which all practical men know to exist, and must necessarily happen in furnace ventilation, change of wind and temperature of the air, fall of the barometer, rate of firing, occasional mechanical interruptions in the air-courses, hygrometric condition, &c. These all prove that furnace ventilation cannot be constant, as Mr. Mushet supposes. If the conditions connected with furnace ventilation were constant, this question would never have arisen, or would men be obliged frequently, as it appears in evidence, to leave certain pits in certain states of weather. The conditions are not constant; therefore, in my opinion, Mr. Gurney's explanation of the natural brattice is true; but, as I am about to publish an inquiry into the subject of ventilation, in accordance with a requisition from the northern miners, I will only trouble you with these observations at present. J. Hann. King's College, August 21.

ON THE REGULATING DAMPER.

Sar,—As your columns are always open to anything new and useful, I have sent you the accompanying sketch of an apparatus I have in use in my regulating damper. Your readers are aware that the principle of my regulating damper is derived from compressed air acting so as to open the damper, whilst the pressure of the steam is made to close it.



The mechanism I have used has chiefly been that of a piston, acting in a small cylinder; but, to attain still greater accuracy, the arrangement set forth in the sketch occurred to me, and which quite answers my expectations: a is a pipe, having a stop-cock in it, which communicates with the boiler and vessel, b; c is another cylindrical vessel, which has an internal diameter of a quarter of an inch larger than the exterior diameter of b, which in the one in use is 6 in.; d is an invested vessel, which is made to float up and down by the aid of mercury in the annular

space around b and c, upon the principle of the gasometer; c is the compartment into which d rises on its upward motion; b, the compartment communicating through the pipe, g, which has also a stop-cock in it, with the air vessel; h is the rod which conveys the motion to the damper, and, as will be seen, is made fast to d, by which it is carried up and down; at i and i are two vulcanised India-rubber valves, which are brought into contact at the desired time with the valve faces, seen at j and j; by these valves, the pressure on the face of the mercury is prevented from becoming so great as at any time to overbalance the column of mercury, which in the one in use is 6 in.—the force available in it is equal to 80 lbs; it will, therefore, now be readily seen that this force can not only be made to regulate the damper, but lift the safety valve, or any such like purpose, as may be desirable. It is as delicate and certain in its action as the mercurial steam guage; indeed, it is one. To render it complete, and secure it from dirt, I insert a light and loose India-rubber division, which is intended to be shown by the dotted lines, k and k, by which it will be seen that not only can no dirt get into it, but that the same water will remain in it continually. I should remark that the pipe, y, should have been represented as coming in at the top; and the India-rubber diaphragm, marked by the dotted line k, extends in the other direction, and is made fast to the small rod, h.

Thomas Craddock.

Thames-bank, Pimlico, Aug. 15.

EVAPORATION NOT REFERABLE TO "HEAT"—THE HYGRO.

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EVAPORATION NOT REFERABLE TO "HEAT"-THE HYGRO-METER AN IMPERFECT INSTRUMENT.

Sin,-The phenomena of "heat" being identified with all our operasin, - The phenomena of these bong and that may tend to throw a tions, whether physical or mechanical, any fact that may tend to throw a tions, whether physical or mechanical, any fact that may tend to throw a light upon so important a subject will, I am sure, be duly appreciated by the majority of your readers. I am, therefore, induced, in reference to the laws, as laid down by our constituted instructors at the Royal Observatory, Greenwich, and other members of the scientific world, that evaporation greferable solely to heat, the hygrometric state of the air being determinable by the hygrometer, to request an attentive consideration of the following statement, showing the mean of the hygrometer, and the total amount of evaporation of water, in grains, from a given surface, from nine o'clock A.M. to five P.M. (eight hours), and from five P.M. to ten P.M. (five hours); also the mean temperature for the same periods:—

STATEMENT.

Aug.	100	1	lygro	me te	r.	10114	Meun of	hygro-	Total amount		Mean of	
July & Aug., 1850.	9 o'clock		5 o'clock 10 o			elock M.	from the fore- going differences.		of evapo- ration in the		temperature during the	
Tilloo		Wet	Dry	Wet	Dry	Wet	Eight hours.	Five hours.	Eight hours.	Five hours.	Eight hours.	Five
16	71	67	83	70	71	65	8.5	9.9	240	220	77	77
17	63	60	75	69	70	66	4.5	5.0	100	120	69	72.5
18	66	61	67	68	64	62	4.5	3.0	90	30	66.5	65.5
19	63	61	65	61	61	59	3.0	3.0	60	50	64	63
20	62	59	63	66	62	59	3.0	8.0	50	30	62.8	62.8
21	65	62	70	65	63	59	4.0	4'6	130	70	67.5	66.5
22	67	61	71	66	65	61	5.2	4'5	260	210	69	68
23	72	66	75	69	67	63	6.0	5.0	390	100	73.5	71
24	64	58	66	60	62 .	58	6.0	6.0	200	110	65	64
25	62	59	63	60	60	57	3:0	80	60	60	63.2	61.8
26	61	57	64	59	61	56	4.5	5.0	140	90	62.2	62.5
27	58	55	62	59	59	56	3.0	8.0	80	50	60	60.5
28*	1000	12 14	Section 1		100	100		13/75/20	2000	025 700	CONTRACTOR	2000
29	61	57	68	62	62	58	5.0	5.0	140	140	64.5	65
30	62	58	67	61	62	59	5.0	4.8	80	70	64.5	64.5
31	66	62	72	65	69	64	5.5	6.0	70	80	69	70.5
- 1	64	60	66	61	63	58	4.5	5.0	70	90	65	64.2
2	61	58	66	62	64	61	3.2	3.2	140	40	63.5	65
3	65	62	71	66	66	63	4:5	5.0	60	90	68	68.2
4.14	67	62	74	66	65	60	6.9	6.9	190	180	70'5	69.8
- 5	67	62	76	66	68	62	7.5	8.0	310	170	71.5	72
6	65	58	69	60	68	59	8.5	6.5	160	90	67	66
7	62	56	71	61	65	59	8.0	8.0	220	160	66.5	68
. 8	67	64	69	65	66	61	3.5	4'5	120	90	68	67.5
9	63	57	67	58	62	56	7.5	7.5	240	195	65	64.5

It should be observed, however, in the analysis of this statement, that the mean temperature of the eight hours is considerably below the average of the day. On Sunday, the 4th August, it ranged from 75° to 76° between 10.30 A.M. and 3.30 P.M.; whilst the mean of the temperature of the five hours cannot fail in being correct, the decline being constant from five P.M. to ten P.M.; but, notwithstanding this, the most singular and astounding fact will be apparent, that on the majority of the days the evaporation is greater in the evening, when the temperature of the atmosphere is on the decline, and the air, therefore, is contracting, and approaching the dew point, when it "squeezes" out its moisture, than it is throughout the heat of the day, when the air is expanding—a fact that is most strikingly illustrated on the 16th, 17th, 27th, 29th, 30th, and 31st of July, and 1st, 3d, and 4th of August.

dew point, when it "squeezes" out its moisture, than it is throughout the heat of the day, when the air is expanding—a fact that is most strikingly illustrated on the 16th, 17th, 27th, 29th, 30th, and 31st of July, and 1st, 3d, and 4th of August.

I now beg your attention to the hygrometer; and as we can depend on the "means" of the five hours, we will confine our consideration to those columns, although the others will prove equally instructive.

The differences in the temperature of the dry and wet bulbs are said to be referable to the amount of evaporation, which evaporation depends on the amount of vapour already in the atmosphere, so we are told; and in order to determine the decrease of temperature in the atmosphere necessary to attain complete saturation under such circumstances, or the dew point, when the vapour is "squeezed out," certain factors are given, all of which looks very pretty on paper; and Mr. Glaisher, for his ingenuity in the compitation of his tables, deserves much credit.

In the differences, then, and the amount of evaporation, there should, at least, be some concordance; but it will be observed that, on the 22d of July, with a difference only of 4.5° between the wet and dry bulbs, we had 210 grs. of evaporation; whilst on the 1st August, and other days, with a difference of 5°, we have 90 grs.; on the 31st August a difference of 5°, and 90 grs.; on the sth, with a difference of 5°, we have only 195 grs. of water evaporated—the temperature, be it observed, being, in most cases, much the same, although frequently travelling in an opposite direction to the evaporation.

Here, then, is a nice little pill to assist Mr. Glaisher in the digestion of the subject especially confided to his charge at the observatory, and the consideration of which so much engages his attention, that he forgot, in the space of a year, all about certain little facts and principles, which, at the suggestion of the Registrar-General, who very properly referred me to him as his scientific authority for the statements

galvanic battery in decomposing water is proportionate to the amount of chemical action on its plates.

In the 17 papers by "S." on my discoveries in natural philosophy, to which insertion was given in the Mining Journal of last year, it is clearly shown that electricity is identified with cold and not with heat; and, therefore, instead of cold being the absence of heat, "heat" is the absence of cold, or, more properly speaking, these are the representatives of positive and negative electricity, electricity being material; and in No. 15 of those papers, reference is made to the splendid discovery of the late William Henry Weekes, that the electrical condition of the atmosphere increases in proportion to the height, a discovery that will unquestionably give to that great man in posterity a place amongst the greatest ornaments of this age, although, I fear, it was greatly instrumental in depriving society of his valuable services.

although, I fear, it was greatly instrumental in depriving society of his valuable services.

About twenty years since, while verifying Andrew Crosse's discovery of the high electrical condition of the upper regions, as compared to the earth, it occurred to him that the condition must be progressive, and this he verified with a series of electrical kites, the first being tied to the back of the second, and so on with the rest—a discovery which could not have failed in leading to greater results, had not his mind, in his early education, been poisoned with the dogmas of "heat."

When, therefore, I reversed the order of things, and established the connection between electricity and cold, Weekes at once saw the truth of his position, and then began to entertain a hope that the credit which had been so long unjustly withheld would at last be ceded to him; what, therefore, were his feelings, at seeing in the Literary Gazette of the 9th Feb.

last a review of a lecture delivered at the Royal Institution, by Professor Faraday, in which was assigned from him to foreigners this masterpiece of reasoning, may be better conceived than described. I called on the editor, and represented to him the iniquity of the act, and even went so far as to give him an outline of an article in atonement of the offence; but, alas, all to no purpose. From that period his correspondence lost its fire, and the evil, unfortunately, was eggravated by concurrent circumstances. On the 21st of last month he informed me that he was slowly recovering from a severe attack of illness, and on the 25th he expired suddenly of a disease of the heart, leaving a blank in the scientific world, which, unfortunately, it does not possess the materials to fill up.

FRANKLIN COXWORTHY,

Canterbury-place, Lambeth-road, Aug. 20.

Author of Electrical Condition.

ON RED-SHORT IRON.

ON RED-SHORT IRON.

Str.—A correspondent of yours, "Vulean," requests information as regards the quality called red-shortness in manufactured iron. The subject is an obscure one; but the best account of it that I am acquainted with will be found in the following extract from one of the notes to Mr. Gibbons's Treatise on the Blast-Furnace:—"The red-short bar, when cold, is tough and fibrous; but at a certain heat it loses all cohesion, and drops beneath the hammer. Replace it in the fire, and arge it towards the white or welding point, and its cohesion will be re-established. This is legitimate red-shortness, and the cause of it I believe to be a certain alloy that is in intimate or (if I may so express it) atomic connection with the metal throughout. At a certain heat, the alloy softens while the iron is refractory; and cohesion is impaired or lost. At a higher heat, the iron softens as well as the alloy, and again a perfect cohesion is established. Let me add that the heat at which the iron drops is not in all cases the same. It depends on the degree of red-shortness; but it occurs always within the range of the red heats—whence its name. If he would take the trouble (which in truth one cannot expect), a smith may always work a real red-short bar."

This defect, no doubt, has its primary seat in the ores: and it may be

real red-short bar"

This defect, no doubt, has its primary seat in the ores; and it may be readily cured in the blast-furnace by a due admixture of others. In the finery and puddling furnace, too, it may be got rid of in a similar way—that is, by the use of a certain proportion of pigs of the opposite quality; but from the finished iron it cannot be expelled. I hope your correspondent's inquiry may direct attention to the subject, and lead us to a better understanding of it. If the theory of an alloy be the correct one, the chemist, one would think, might separate it, and tell us what it is.

J. August 192.

WROUGHT-IRON FOR WIRE MAKING.

WROUGHT-IRON FOR WIRE MARING.

Sin,—In your impression of the 10th inst., there appeared an article on the above subject. May I venture to draw your talented correspondent, Mr. David Mushet's, attention to this, and request he will analyse its contents, and inform your readers how his opinion and experience confirms or disagrees with the remarks contained therein; he having been good enough to say, in one of his letters to your Journal, that he should at all simes be happy to give information to your readers, will, I trust, plead as an excuse for troubling him, coupled, as the subject is, with much interest to many of your readers.—Forge Hammer: August 22.

WATERPROOF PIGMENTS .- It has hitherto been an impossibility to paint or WATERPROOF PIGMESTS.—It has hitherto been an impossibility to paint or paper on damp walls, the moisture invariably discolouring paper, and destroying any pigment that has been tried. To prevent this, by producing a surface coating through which damp cannot exade, has been the object of the patentee, and in every case in which the trial has been made complete success has been the result. These fluids contain a great portion of gutta percha and Indiarubber, and the modus operandi is as follows:—All old paper or paint is first carefully exraped off, and the liquid having been slightly heated, is applied with a strong brush, laying on a full body. In about two days it will be quite dry, and a thin film will have been formed on the plaister. It may then be painted in common oil colour, or papered, without fear of any moisture appearing. In painting new woodwork, it is found that no "priming" is required, the compound possessing much substance, the knets are effectually "killed," and by covering with this as a first coat, the effects of damp and heat are alike avoided; consequently, the material does not shrink, and all joints and "mitres" remain as true as when first executed. Two coats of common oil-paint, and in some instances only one, will be afterwards required, and in this respect a saving is effected. On wood that has been someting exposed to the weather, and only requires re-painting, it has been found that, used as a vehicle for mixing the paint, it has all the desired effect in durability and preservation of colour. We imagine it will prove an excellent material for ship-painting, and particularly for iron vessels, its tenacity being very great. When in a cold state, sulphurio acid is the only agent capable of destroying it; when warm, nitric acid slightly affects it. Another useful purpose to which this fluid has been applied, and with great success, is in the manufacture of a waterproof paper, by coating one or both sides of the paper, rendering it much tougher, as well as impervious to wel. paper on damp walls, the moisture invariably discolouring paper, and destroying

affects it. Another useful purpose to which this fluid has been applied, and with great success, is in the manufacture of a waterproof paper, by coating one or both sides of the paper, rendering it much tougher, as well as impervious to wet.

Manufacture of Glass.—Mr. Wm. Blinkhorn, of Satton, Lancashire, has just patented some improvements in machinery to be used in the manufacture of glass, by which he proposes to employ a hollow casting table, the upper part and sides being cast in one piece, with flanges which are riveted to the bottom plate: a stream of water is to be kept running through this table, in the lower part of which there are ovens for the purpose of heating the water and the top plate to about 120° Fal., to prevent injury to the plate when the metal is first poured from the crucible or pot on to the table. When, after repeated castings, the top plate of the table has been heated, the fires are raked out, and the temperature kept down to the required degree by the stream of coid water running through, or by means of several jets of cold water, which are caused to play against the under surface of the top plate. The table is mounted on wheels which run on rails, to facilitate its removal from one anoealing kiln to another. The rolling cylinder is supported above the table on adjustable tangs, for the purpose of regulating the thickness of the plate, and is litted on each side with guides for determining the width. The cylinder is made to travel to and fro on the table by means of a pitch chain connected to its brasses, which goes round a pitch wheel driven alternately in coposite directions by means of the ordinary reversing gear, placed in front of the kiln, and actuated from a prime mover. To each side of the cylinder there is attached an arm, connected to a lever which has a notch in the upper surface nearest the kiln, into which takes a projection on the under surface of a cross sliding piece attached to a chain passing over, a pulley, and weighted at the occurrence of the bear of the evers a

THE PADDLE-WHEEL SUPERSEDED.—In the Mining Journal of the 10th inst., we made some remarks on the inefficacy of paddle-wheels to supply the full power of the engine to the propulsion of the vessel; on the contrary, as at least one-half the number of float boards in the water at one time act as retarders instead of propellers, an amount of power is lost almost incalculable, estimated by various parties at from one-quarter to three-quarters of the whole power obtained from the engine. Even the greatest supporters of the paddle-wheel system acknowledge the existence of a retarding power as every float passes through the water. Now, Lapton's propeller, which we also noticed, is a continuous one; every revolution gives out the full power of the engine to the propulsion of the vessel, and although the blades project but 2 ft., they are equally effective in power as a float at right angles with the vessel's side of 6 ft., from their peculiar angular position. As we before observed, their having been adopted in the Great Britain, previous to her last lamentable voyage, is a proof of the principle being founded on scientific principles; and we think it would be found worthy the attention of any party having connection with steam navigation to endeavour to get a trial in one boat, which could be fitted at small cost, when it is probable a degree of speed and saving of fuel would be obtained which would astonish those who persist in thinking the paddle-wheel the ne plus ultra of steam navigation.

HOLLOWAY'S PILLS A CERTAIN CURE FOR HEADACHES, BILE, LOSS OF

of steam navigation.

Holloway's Pills A Certain Cure for Headaches, Bills, Loss of Afferties, And Lownss of Spirits.—These invaluable pills can be taken without danger from wet or cold, requiring no restraint from business or pleasure. They act mildly on the bowels, without pain or griping, strengthen the stomach, and promote a healthy section of the liver, whereby they purify the blood, cleanse the skin, brace the nerves, and invigorate the whole system. They prove an admirable remedy also for these who suffer from a debilitated constitution, as they create an appetite, correct indigestion, remove bile giddiness, nervous or sick headaches, and palpitation of the heart.—Sold by all druggists, and at Professor Holloway's establishment, 244, Strand, London.

ON SOME OF THE USES OF PYROGEN IN NATURE.-No. I. BY JOHN JOSEPH LAKE.

There are a vast number of the operations of Nature still buried in obserity, as far as the causes of them are concerned. Of this kind is the constitution of the solar system, which is yet but imperfectly known; for though it has been clearly shown that the forces by which it is held together obey certain laws, and that gravitation is the cause of the centripetal force—that is, the influence by which the planets are kept about the sum—yet the nature of the centrifugal force that prevents them coalescing with that body, remains without a satisfactory explanation.

The following experiment occurred to me some time ago; and, as it seems to illustrate the nature of this force, it may not be uninteresting. A number of small magnets, being suspended by threads from a point—the like poles being in the same direction—they, as a matter of course, diverged from each other—their distance from a common centre, as well as from each other.

the like poles being in the same direction—they, as a matter of course, diverged from each other—their distance from a common centre, as well as from each other, varying according to their several masses and magnetic powers. On presenting the opposite pole of a larger magnet to a number of magnets thus suspended, they all diverge from it as from a common centre with the greatest energy; and if the larger magnet be moved round and round, so that some part of it always remains within its own circumference, the small magnets will perform regular circuits about it.

The application of this experiment to explain the nature of the centrifugal force, and the means by which the planets are maintained in their courses round the sun, at once suggested itself. By gravitation, the smaller magnets are kept about the larger ones; but, by the opposition of the currents of pyrogen moving about the magnets, they can only approach within a certain distance; and the position they take up is that in which these two forces of attraction and repulsion are balanced. In like manner, the earth and the planets are attracted by the sun, would coalesce. The planets and sun being magnets, through the currents of pyrogen constantly circulating about them, obey the laws of magnets; and, as the currents circulating about them, obey the laws of magnets; and, as the currents circulating about them, obey the laws of magnets; and, as the currents circulating about them, obey the laws of magnets; and, as the currents circulating about them, obey the laws of magnets; and, as the currents circulating about them, obey the laws of magnets; and, as the currents circulating about them are position that each of the latter takes up is that in which these two forces of attraction and repulsion are balanced. Further, the sun has a small motion round a central point, which may be considered to be the centre of the solar system. This mo-

loped between the sun and the planets, and the position that each of the latter takes up is that in which these two forces of attraction and repulsion are balanced. Further, the sun has a small motion round a central point, which may be considered to be the centre of the solar system. This motion is analogous to that communicated to the larger magnet in the above experiment that caused the smaller magnets to rotate about it, and is sufficient to maintain the motion of the planets round the sun.

If this law be true, all the planets should revolve on their axes in the same direction as the earth; and, as far as has been yet ascertained, they do so. If they moved on their axes in the same direction as the sun, there would be no repulsive force; for by the currents of pyrogen moving in each body in the same direction, they would, according to the well-known law in such a case, come in contact with each other. This law of repulsion between the sun and planets should also apply to the satellites of the several planets; and they ought to move on their axes in opposite directions to the planets round which they severally revolve. This is found to be the case with the moon—the only one with whose motion we are acquainted. It should further be found that in proportion to the rapidity of the motion of a planet, or satellite, on its axis, its magnetic state is more or less perfectly maintained; and the balance of the centrifugal and centripetal forces being more completely preserved, the body is kept more evenly in its orbit. This accounts for the regularity with which the planets preserve their orbits—the rapidity of their motion on their axes maintaining their magnetic state at a high intensity; but the motion of the moon on its axis being very slow, its magnetic state is comparatively very weak, and hence the irregularity with which it moves on its orbit, the constant variation in its distance from the earth, and the readiness with which it yields to extraneous influences.

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Ordnance office, Portsmouth, Aug. 13.

Ordnance office, Portsmouth, Aug. 13.

IMPROVED SAFETT VALVE, SIGNAL, AND WATER INDICATOR.—A patent has been taken out for a new arrangement of valve for the boilers of steamengines, &c., the agent for which is Mr. Slater, of the Patent Felt Office, Manchester, which not only performs the functions of an ordinary safety valve, but gives immediate notice by a loud signal, whenever the level of the water in the boiler deviates from its proper limits; or in case of the 'safety valve becoming inoperative by adhesion, or any other cause, or should a dedicincy arise in the supply of feed water. It consists of a standard which is tubular at the lower part; on the top of this is a pulley, over which works a chain connected at one end to a float in the boiler, while to the other hangs a balance weight. From the bottom of the standard projects an elbow pipe, on the top of which is a chamber containing the safety valve, and connected with a powerful steam whistle. The valve rod is acted on by a weighted lever, the fulcrum of which is on one side, and also by another acting in an opposite direction, thus forming levers of the first and second kinds. The ends of these levers are elbowed, and the rod from the float within the boiler passes through them, having a tappet on it midway between them, which being either raised or depressed by any fluctuation of water in the boiler, or in case of the float becoming detached, acts against one of the lever ends, and thus raises the valve and sounds the whistle. There is a graduated plate with index hand on the pulley, acting as an indicator, and always keeps the state of the boiler in view of the attendant. When the steam attains too high a pressure, the valve is acted on in the usual manner, blows the whistle, and thus becomes a self-acting signal. The apparatus is simple, highly efficient, not liable to derangement; and, although the patent is recent, nearly 600 are in use in the manufacturing districts, and have given high satisfaction.

Balloon Railway.—Since our publication of Major Browne's letter on this subject, in the Mining Journal of the 10th inst., he has published a pamphlet containing a copy of it, with further explanatory remarks, in which he proposes to employ negroes to carry the planks from the main terminus for the laying down the line; the first board laid 30 ft. long to form a road for the next, and so on continually; he proposes to employ 800,000 such planks, and after the completion of 100 miles they may be drawn by the balloon. There are already three wells of water on the road, where stations might be formed, which would soon become towns, and Artesian wells might be bored for. To arrive at the Niger, with a wind blowing 50 miles an hour, it is calculated that the journey may be performed in 21 hours; with a wind at 30 miles an hour, 33 hours; and with a breeze at 12 miles an hour, 82 hours. It is stated that gold is found at Gago, Wangar, in the deserts of Seth, and the mountains of Thale.

with a breeze at 12 miles an hour, 82 hours. It is stated that gold is found at Gago, Wangar, in the deserts of Seth, and the mountains of Thale.

The Electric Light: —During last week Mr. Staite exhibited his electric light to crowded audiences at the Cosmorama in Manchester, which was seen and expatiated upon with admiration by all. Its effect in showing forth in their fall beauty the paintings, sculpture, medallions, &c., in the hall, were strongly dwelt upon; and to enable the working classes to see the striking beauties of the light, the price had been reduced to 6d. After the weekly concert at the Blind Asylum on Wednesday week, Mr. Staite addressed the inmates, and endeavoured to impress upon them a true idea of the nature of light, he said.—'If shall endeavour to prove to you, that with every such permitted infliction He sands a special blessing—every other sense in your cases is guickened and elevated. Permit me, then, to select one of these senses, and through the medium of that sense—viz.: touch or feeling—to endeavour to convey to your minds some analogous conception, though I fear but a feeble one, of what light is, and what it accomplishes. By the sense of touch, so exquisitely possessed by persons in your condition, you are enabled, combined with the exercise of memory, to feel and to comprehend size, form, and distance; for instance, you feel a table—the image, so to speak, of the table becomes at once familiarised to your imagination, and you are enabled to judge of all its parts and proportions as truly as if you could really see it; by the exercise of the same sense, under the influence of memory, you are enabled to find your way from one place to another, and even accomplish great distances with ease and safety. Now, let me try to show in what way light is analogous. By light, the eye is enabled, we will suppose, to feel all objects, and to comprehend all distance, within certain limits, so that far-off places are felt, as it were, by the eye, under the influence of light, and instead of bei

LOCOMOTIVE ENGINES—ON SALE.—SIX NEW LOCOMOTIVE PASSENGER ENGINES and TENDERS; particulars as follows:

LUCOMOTIVE PASSENGER ENGINES and TENDERS; particulars as follows:

LOCOMOTIVE PASSENGER ENGINES and TENDERS; particulars as follows:

RHOSSYD—"PENANT OF FESTINGO"—SLATE, and DENBIGH GREAT

SLAB QUARRIES COMPANY.

CAPITAL £120,000,

In shares of £5 each. Deposit £2 10s. per share.

PROSPECTUS.

The whole of the workmanship is of the very best description, and the price very mosohe iron-Works, Belton; or to Mr. Josiah Kearsley, at the office of Mesars. B. H. and olo, 1, New Broad-street, City, London.—July 25, 1850.

THOSE PACITIES DITTURED BY DATI WAY. COMPANYES.

RAILWAY COMPANIES TO ENGINE BUILDERS, RAILWAY COMPANIES.

ENGINEERS, &c.—The ADVERTISER having spent considerable time in arranging a NEW SLIDE VALVE for STEAM ENGINES and OTHER PURPOSES, has at length arranged it in such a manner as to equalise the pressure on the valve, threeby doing away with the great friction on the face of the sides and the occentric gear, and improving the power of the engine and reducing the cost of fuel. For locomotives, where the steam is used at a very high pressure, it will be found most valuable, and any engine builder having cylinder patterns by thom can have thom altered to receive the New Slide at a trifling cost, as it is simple as well as effective.

The Advertiser having been employed in the Locomotive Department at Swindon, on the Great Western Railway, had an opportunity of witnessing the arrangement that was tried with the valves of the Iron Duke engine, which was a piston attached to each alide, but owing to its soon becoming deranged, it was abundoned; since then the Now Slide Valve has been contrived, and the Advertiser is desirous of treating with any party for the SALE of the same, or otherwise, as may be agreed.

Apply by letter to "M. J.," at the Post-office, Preston, Lancashire, till called for.

TO RAILWAY DIRECTORS AND ENGINEERS. Mr. THOMAS DUNN, of WINDSOR BRIDGE IRON WORKS, near MAN.
CHESTER, begs to give Notice, that he is now prepared to SUPPLY, to any extent, his
PATENT IMPROVED WROUGHT-IRON and SPRING STEEL TRAVERSERS, for
REMOVING CARRIAGES, &c., from one line of Rallas to anotier.
One of these Traversers can be put down in a few hours, without altering the permanent way, or stopping or impeding the general traffic. The cost of these Traversers, with
wear and tear, is seldom one-third of that of the old system.
N.B.—Ther having been several attempts to infringe and evade this patent, by untradesmenlike people, the Patentee hopes to have the support of railway proprietors generaily, as he has expended much time and money in economising and perfecting this portion of railway rolling stock.

TO BE SOLD CHEAP, TWO SECOND, HAND LOCAMOTIVE EXCLUSES A selection.

TO BE SOLD CHEAP, TWO SECOND-HAND LOCOMOTIVE ENGINES, 6 whee coupled, as good as new, for contracting purposes.—For price and further particula apply at the works.

TOUGHENED CAST-IRON—STIRLING'S PATENT.

No. 1—For SMALL and MEDIUM CASTINGS.

No. 3—For HEAVY CASTINGS.

No. 3—Eor HEAVY CASTINGS.

The above is by far the strongest Cast-Iron made, and is now being extensively used where strong castings are required.

Further particulars may be obtained on application to

Mosars. GARDEN & MACANDREW,

34, Dowgate-hill, from whom also the IRON can be PROCURED.

WHEAL GROSE.—As the adventurers of Wheal Grose cannot sink much deeper without an engine, they have agreed to SELL FIVE HUNDRED and FIFTY SHARES, at £3 10s. per share, reserving 450 shares to the present holders, so as to erect an engine, stamps, &c., as required for the use of the mine, which is on a level marsh, and worked on the Cost-book system.

The amount of purchase-money to be paid, by instalments of 10s. per month, into the bank of Glyn and Co., Lerdon, to be drawn out only by the joint-signature of the manager and cashier.

Applications to be made to Mr. John Williams, Brynhyfnyd, Newport, Monmonthshire or to Messrs. Durrant and Co., 58, Lombard-street, London.

WHEAL ARTHUR SILVER-LEAD AND COPPER MINING COMPANY,—CALSTOCK, CORNWALL.

ON THE COST-BOOK PRINCIPLE.

ON THE COST-BOOK PRINCIPLE.

In 2048 shares, of £2 each.

At a Meeting of the shareholders in this Mine, held at the Company's offices, 5, White Hart-court, Lombard-street, on Thursday, the lat day of August, 1850,

Mr. SAMUEL CROSSE in the chair,

It was proposed by Mr. A. Blyth; seconded by Mr. J. P. Christic, and unanimously resolved,—

That the Rules and Regulations produced for the management and working of this mine be adopted, and entered in the Cost-book.

Bankers—Messar, Spooner, Attwoods, and Co., 27, Gracechurch-street.

Secretar—Mr. Fenton.

The following valuable report has been received from Capt. John Spargo, who has inspected the mine, under the direction of E. Hopkins, Esq., C. E.:—

Downgate, August 10.—Agreeably to your request, I have inspected this mine, and, so far as I can judge from the old workings, the lodes run as laid down on the plan, apparently coming together cast. However, the fall of the bill has, of course, some effect on their boarings. They are four in number, parallel to each other.

1. Correa Lode.—The gossan on the back of this lode has most splendful appearance, with some very rich stones of copper embedded in it, and the stratum is quite congenial for copper. In fact, there cannot be a honor productive clay-slate. I have minutely examined the sett at surface, and cannot discover the least range of grey-wake or horn-bleade that would by any means affect the lodes; but the whole mass of clay slate appears to cross heldeds somewhat in an oblique direction, which I consider will have a great tendency to enrich the lodes in depth. At the foot of the hill, near the river, the clay-slate appears to be thrown down nearly to a perpendicular dip, more of a micaceous nature than that on the hill, which will be unbetomed in depth by the rock east of the river, dipping west, which is much harder and of a different composition; but this does not by any means affect the lodes to a considerable depth, being at the east extremity of the sett.

2. Correa Lode.—This lode underlays north, a

silver-lead lode.

Silver-lead lode.

As regards this lode, I beg to be somewhat silent for the present until I see the back opened on, or some of its produce. At any rate, there are large rock of gossan weathered around the surface, but I am really puzzled to say whether it is coper or lead gossan. One thing I beg to call your attention to, which is, that you must not expect both lodes productive at the junction; and if the lead lode is found productive, it will be many fathoms from the junction, although it may produce a small quantity near the copper lode.

tive, it will be many fathoms from the junction, although it may produce a small quantity near the copper lode.

Looking at the inine generally, I really believe it to be a good speculation, if carried on with spirit. I consider the mine now at a depit to warrant an outlay to prosecute it to a much greater depth, and I have not the least doubt of its well remunerating the company for the requisite outlay. The mine is just a few fathoms under the sea level, which is about 36 fms. under the sail. There is every facility for importing and exporting materials, ores, &c., as the river is navigable to the case part of the sett, and only about one mile from Calstock Quay. The miners tell me they are ready to take pitches in the back of the adit, as soon as the water is let down, which I should recommend to be done forthwith, as well as to open the lead lode by the staft marked B. If there is anything that you may wish to be made acquainted with, that I have not entered into, I shall feel most happy to do so to the best of my judgment, on your writing to me. I will repeat gain, that there is no mine that I know in the two counties (not in work) that I could more highly recommend.

To the Committee of the Wheal Arthur Mine.

This mine is held under a grant from the council of His Royal Highness the Prince of ales, situate in the parish and manor of Calstock, in the County of Comwall, in a rich inevallsed district, and bounded on the south by Wheal Zion, on the north by Drake alis and Gunnis Lake Mines, on the east by the River Tamar and the Bedford United, heal Russell, and other mines, and on the west by Wheal Edward and Wheal Calstock.

Wheat Russell, and other mines, and on the west by Wheat Edward and Wheat Calstock. The outlay of former adventurers has been very considerable, in driving adit levels, sinking engine and other shafts, &c., the whole of which are available for bringing the mine into a rich and profitable state of working.

A number of shares have been already taken. The remainder may be had on application to the secretary, at the offices, & White-Hart-court, Lombard-street, where reports and plans may be seen, and all further particulars known.

W. FENTON, Sec.

COAL MARKET, LONDON.

PRICE OF COALS PER TON AT THE CLOSE OF THE MARKET

PAIGE OF COALS PAR TON AT THE CLOSE OF THE MARKET.

MONDAY.—Bnddle's West Hartley 14—Carr's West Hartley 14—Clavering's New Tanfield 12—Holywell 13—Howard's West Hartley Netherton 14—Jonassohn's Hartley 12—6-North Percy Hartley 13—Ord's Main 13—Tanfield Moor 119—Tanfield Moor Butes 179—Walker's Primrose 12—West Hartley 14—West Wylam 12 6—Wylam 13 6—Mall's End Acorn Close 13 6—Elan Park 13 6—Gosforth 13 6—Hedley 13 6—Lawson 13 3—Riddell 13 3—Walker 13—Belmont 14 6—Hetion 15 6—Haswell 15 6—Lambton 13—Risself's Hettor. 18—Scarborough 13 9—Stewart's 15 6—Bentley 13 9—Denison 13 6—Heugh Hall 14—Hartlepool 15 6—Keswart's 15 6—Bentley 13 9—Denison 13 6—Heugh Hall 14—Hartlepool 15 6—Keswart's 16—Bentley 13 9—Denison 13 6—Heugh Hall 14—Hartley 13—Whitworth Coke 20.—Ships at market, 110; sold, 66.

WEDNESDAY.—Buddle's West Hartley 14—Begbie's Hartley 13—Holywell 14—Jonassohn's Hartley 12 6—North Percy Hartley 13—Pylam 13 6—Wall's-End Belmont 14 6—Braddyll 15 3—Hetton 15 6—Haswell 15—Lambton 15—Russel's Hetton 15—Scarborough 14—Heugh Hall 14—Whitworth 19 9—Seymour Tees 13 3—St. Helen's Tees 13 —Birchgrove Graigola 20—Hartley 13—Nixon's Merthyr and Cardiff 21—Whitworth Coke 20—Berwick and Co. 13 6—Ships at market, 69: sold, 46.

FRIDAY.—Buddle's West Hartley 14—Begbie's Hartley 13—Carr's West Hartley 14—West Wylam 13 6—Wylam 13 3—Wall's-End Budder 12—West Wylam 13 6—Wylam 13 3—Wall's-End Acorn Close 13 9—Bevicke and Co. 13 9—Northumberland 13—Walker 13—Eden Main 14—Lambton 15—Bensham 13 3—Gosforth 13 6—Hotspur 13—Hittley 13—Stewan 13 3—Brandyll 15 3—Hitton 19 9—Hethon 15 6—Kesper Grange 14 6—Lambton 15 8—North Hattley 14—Heugh Hall 43—Haswell 16 6—Kesper Grange 14 6—Lambton 15 6—Bensham 15 3—Gosforth 13 6—Hotspur 13—Hittley 13 8—Stewan 13 3—Brandyll 15 3—Hittley 14 14—Haswell 16 6—Kesper Grange 14 6—Lambton 15 6—Bensham 15 3—Gosforth 13 6—Hotspur 13 8—Hittley 13 8—Stewan 13 3—Brandyll 15 3—Hittley 14 14—Haswell 16 6—Kesper Grange 14 6—Lambton 15 6—Bensham 15 3—Gosforth 13 6—Hotspur 15 6—Kesper Grange 14 6—Lambton 15 6—Benn

DLAB QUARRIES COMPANY.

CAPITAL IL20,000.

In shares of £5 each. "Deposit £2 10s. per share.

PROSPECTUS.

This COMPANY is FORMED for EXTENDING the WORKS on the magnifacent VEINS of HOOF SLATE along the celebrated FESTINIOG RANGE; the rich and extensive COPPER, LEAD, and SILVER-LEAD MINES, already productive, and developing along the Cwin Ciprwin, Givach, and Blaeny Fenant mountain districts, in Carnarvonshire, and the Great Slab Quarries in Denbighshire.

RHOSSYD AND WEYSGAN AS AND COMPANY OF THE COMPANY OF TH

along the Cwni Ciprwth, Gilvach, and Blaeny Penant moinfain districts, in Carnaxvonahire, and the Great Siab Quarries in Denbighabite.

RHOSSYD AND WRYSGAN SLATE QUARRIES.

The slates now being raised from the Rhossyd veins, just cut, have been pronounced
by several engineers and slate agents as of a very superior quality, and the veins themselves of the highest and most productive order in sound slate rocks—the tabular structure and purity of metal of which, with their other fine qualities, have obtained for them
the name of the "Fenant of Festiniog Shate Veina." Indeed, the slates from these veins
have been several times tested by the best judges in every possible manner, and finally
reported—"undeniably the best quality."

The Rhossyd veins of slate continue through Wrysgan, another estate of vast extent—
paying no royally whatever, and held by lease on a small yearly rent. This lease has
been purchased on advantageous terms, and, as it immediately adjoins Rhossyd, can be
worked with great facility and economy under the same local management. Some cargoes of superior slates from the Wrysgan Open Quarries are now on the floors, and the
works are in a fair state of progress—the anothly produce of which, even at present,
shows the advantages that may be expected to attend the interest of the company in conmecting the Wrysgan and Rhossyd Estates, and placing both under the same direction.

Besides the above slate properties, a very promising sliver-lead mine has been opened
on a good lode of ere, on the north-castern verge of one of the mountains on Rhossyd,
called Cwm Orthin, which is included in the Rhossyd lease. About 5 fathoms of shallow
levels, &c., have been driven, from which some tons of ore are now on bank, that produce 26 ounces of fine sliver per ton, and seems to be of the same character as that of the
celebrated Daren and Cwm Symlog Mines, in Cardiganshire,

duce 25 ounces of fine silver per ton, and seems to be of the same character as that of the celebrated Daren and Cwm Symlog Mines, in Cardiganshire,

GILVACH AND CWM CIPRWTH COPPER MINES.

GILVACH AND CWM CIPRWTH COPPER MINES.

The extent of these mines on the lodes is about two miles. Two lodes have been proved in distant places along their bearings. On Cwm Ciprwth there is a water-wheel with pumps, &c., and a shaft with several shallow drivings therefrom. The greatest depth about it is fathoma, at the bottom of which there is a lode of 8 feet wide, well mixed with copper ore, and carrying a continuous rib of 3 feet, nearly full of solid ore. This lode is yery promising – as gessany and kindly as any miner could wish, and likely to improve still further in depth. More powerful machinery must, however, be exceted, and a change made in the water-course, to put this mine to work, to make those high returns promised by present indications.

Givach is undoubtedly a great mine. It has already produced several hundred tons of ore at shallow workings, and now shows, on small drivings at bottom of wince, or subshafts, a lode of 4 feet wide, quite solid. Some small shipments of ore have been lately made, from trials at these bottoms, and heaps of ore from the same are now on the washing doors. The addit leading to the wince shafts is, hovever, rather toriuous, as, indeed, are the winces themselves, and the water is strong at bottom; the remover, it is advisable to open a new add tevel, to command the bottoms (see report), which, when done, will render a valable at once some thousand fathoms of rich ore ground, and some hundred fathoms of a most productive lode,

But, besides all this, there is being worked a deep addit level, some 13 or 13 fathoms still lower down the mountain, that has just cut one of the southern lodes, parallel and within a few fathoms of the former, which shows the copper over, and is very promising.

If needs only to be remarked, in confirmation of the favourable opinion reported of these mines, th

mises of the company at Carnaryon for shipping.

BLAEN-T-PENANT.

One mile east of Gilvach, lead, copper, silver-lead, and sulphur mines, of great note, present themselves, and are now in the possession of the company. They were opened by poor men to an average depth of seven or eight fathoms, and ores raised sufficient to equalise expenses; but want of system, and machinery to command the water, caused the works to be suspended. The indications all through, particularly offering in a district pregnant with metallic riches, are highly favourable, and warrant a recommendation to open and work these mines with due spirit.

The DENBIGH GREAT SLAB QUARRIES.

These quarries lie within three miles of a safe and commodious shipping harbour, near Conway. They are of immense extent, and quite inexhaustible. The quality of the slabs has been rigorously tested, and found proof in delicate polish, free from chipping in saving, &c., and every way adapted for general and refined uses. The quarries are now open for immediate returns.

r immediate returns. The following calculations on prices, at present rates of contracts, &c., will show the gh value of this important addition to the foregoing mines and quarries bolonging to

Or yearly profit on like work, or 12 contracts alone £7200 3 0

And these contracts may be doubled, tribled, or quadrupled, &c., in proportion to the market or sales! (See respective reports.)—In a word, this company presents a source of investment of positive worth, of real standard excellence, that courts the closest examination; neither figurative nor doubtful, nothing uncertain; everything fair and open, and truthful, and such as must insure a high interest to the shareholders.

SUMMARY OF THE CONDITIONS AND RULES PROPOSED TO THE COMPANY FOR THEIR ADOPTION.

1. The affairs of the company to be managed by a chairman and board of directors—
three of whom shall form a quorum.

2. Candidates for election as chairman or directors, must each possess at least 50 shares.

3. General meetings of shareholders shall take place every half-year, when all questions of the affairs of the company shall be decided by a majority of votes present; holders of 5 shares to have one vote; of 10, two votes; of 20, three votes; of 50, four votes; of 100, five votes; of 200, six votes; and of every 100 in addition an additional vote.

4. The shares are numbered in order, and made transferable to bearer—therefore, no holder of scrip can be responsible for a greater amount than that due on the shares in his own possession.

holder of scrip can be responsible for a greater amount than that due on the shares in his own possession.

5. Should any future call be required, the amount shall not exceed 10s. on each £5 share. Two months' notice must be given for that purpose in the Missing Journal, London Times, and Curnarycon and Denbigh Harutid; and in default of payment in three months after the above notice, the numbers not paid up in concordance with that call, shall be forfelied and advertised accordingly.

6. The directors shall meet in the board room, attached to the company's offices, on the first Tuesday of each month at one o'clock, for the general transaction of business.

7. The accounts of the company shall be addired and appropriated in the usual manner.

8. The board-room shall be open for the directors on every Tuesday, at Eleven o'clock. The secretary may summon a board on any day in case of emergency; and the directors may call a special meeting at any time, by giving one week's notice.

NO TICE.

The first general meeting of shareholders will be held on Tuesday, the 1st day of October next, at One o'clock, in the company's offices, 24, Lincoin's Inn-fields, London, when the board of directors and committee of management shall be declared for the ensuing 12 months.

BANKERS.

The National Provincial Bank of England; and the North and South Wales Bank.

The National Provincial Bank of England; and the North and South Wales Ban solicitrons.

Mesers. Richard Thomas and Son, 3, Fencourt, Fenchurch-street, London. Local solicitrons.

Griffith Jones Williams, Esq., Dolgelly; and William Griffith, Esq., Llanwest.

St. Pierre Foley, C.E., &c., (Mining Company of Wales, &c.), No. 24, Lincoin's Inn-fields, London, To whom application for shares, &c., is to be made. N.B.—Arrangements are made also to place under the management of the company, against the first day of general meeting, the celebrated and valuable mines of Cwm Symlog, Conineg, &c., situated in the very centre of the ancient British Potosi district of Cardi-carabito.—Inly 18, 1850.

BY HER MAJESTY'S ROYAL LETTERS PATENT.

MASTERS & CO., ORIGINAL INVENTORS and SOLE
to call the attention of the following SCIENTIFIC and USEFUL INVENTIONS, beg
to call the attention of the hobblity and Gentry to their latest discovery in the preparation of SODA WATER, &c. &c., by their

PATENT SODA-WATER AND AERATING APPARATUS,

By the all of which Society Water and All accretic varieties of the produced following the control of the society of the so

By the aid of which Soda Water, and all sersted vaters, can be made and fully charged with carbonic acid gas in a few minutes, and the flattest Beer or Wine can be made as brilliantly sparkling as Champagne in an equally short time, and the expense mere netting.—Price of machine, 30s. and upwards, which needs only be seen to be appreciated. Adapted for shippers to every climate. Also,

MASTERS' PATENT ICE SAFE,
For preserving Provisions Cool in the hottest weather in summer.

MASTERS' PATENT ICE SAFE,
MASTERS' PATENT FEREZUNG MACHINE,
For making Dessert Ices, Freezing Spring Water, and Cooling Wine at the same time,
with or without ice. The largest size is suitable for confectioners, and will make from
50 to 100 quarts of Dessert Ice in a few minutes. MASTERS' PATENT SHERRY COBBLER FREEZING AND COOLING JUG,

For producing Pure Ice from Spring Water, on your own table, in five minutes, without the aid of ice, by his Freezing Mixture, which will produce ice in one minute in the hottest climate.

hottest climate.

Every description of APPARATUS for PRODUCING ICE ARTIFICIALLY.

Also, by Boyal Letters Patent,

MASTERS & CO.'S PATENT ROTARY-BUFF KNIFE-CLEANING MACHINE,
£2 2s. and appeards.

Which will clean and polish, equal to now, 12 knives its one minute, without noise or dust
Descriptive particulars and engravings, with upwards of 700 testimonials, forwarded
er application to MASTERS & CO., 333, Oxford-street, Regent-circus, and his Depôt adjoining the Polytechnie; also, at 7, Mansion-house-place, City.

STEAM TO INDIA AND CHINA, VIA EGYPT.—Regular MONTHLY MAIL (steam conveyance) for PASSENGERS and LIGHT GOODS to CEYLON, MADRAS, CALCUTTA, PENANO, SINGAPORE, and HONG-KONG.

to CEYLON, MADRAS, CALCUTTA, PENANG, SINGAPORE, and HONG-KONG.
THE PENINSULAR AND ORIENTAL STEAM NAVIGATION COMPANY
BOOK PASSENGERS and RECEIVE GOODS and PARGELS for the ABOVE PORTS
by their steamers—starting from Southampton on the 20th of every month; and from
Sues on or about the 10th of the month.
BOMBAY.—Passengers for Bombay can proceed by this company's steamers of the 29th
of the month, to Malta, thence to Alexandria by her Majesty's steamers, and from Suex
by the Honourable East India Company's steamers,
MEDITERRANEAN.—MALTA—On the 30th and 29th of every month. CONSTANTISOFILE On the 39th of the month. ALEXANDRIA—On the 30th of the month.
SPAIN AND PORTUGAL.—Vigo, Oporto, Lisbon, Cadiz, and Gibraitar, on the 7th
17th, and 37th of the month.

For plans of the vessols, rates of passage-money, and to secure passages and ship cargo, apply at the company's offices, No. 122, Leadenhall-street, London; and Oriental-place, Southammer.

IMPROVED WIRE ROPE.—The UNDERSIGNED, in tendering their best thanks for the liberal support they have hitherto received, re specifully solicit attention to the vast IMPROVEMENTS which new machinery and settention has enabled them to effect in the MANUFACTURE of ANDREW SMITH'S PATENT WIRE ROPE, more particularly his FLAT ROPE, which they can now produce of a description far superior to any proviously offered to the public.

WILKINS & WEATHERLY.

Patent Wire Kope Works, 39, High-street, Wapping, London.

PATENT IMPROVEMENTS IN CHRONOMETERS

WATCHES AND CLOCKS.

E. J. DENT, 82, Strand; 33, Cockspur-street; 34, Royal Exchange (clock tower area),
Watch and Clock Maker, BY APPOINTMENT, to the Queen and his Royal Highness
Prince Albert, begs to acquaint the public, that the manufacture of his chronometers,
watches, and clocks, is secured by three separate patents, respectively granted in 1836,
1840, 1842. Silver lever watches, jewelled in four holes, 6 gs. each in gold cases, from
#8 to £10 extra. Gold horizontal watches, with gold dails, from # gs. to 12 gs. each. DENT'S PATENT DIPLIEDOSCOPE,

or Meridian Instrument, is now ready for delivery.—Pamphlets containing a description and directions for its use is, each, but to customers gratis.

MINING ALMANACK for 1850.—The SECOND VOLUME of this publication is now ready, with Original Articles and Statistical Matter up to the latest period.—Price 6s.

London: Published at the Office of the Mining Journal, 26, Fleet street.

THE COMMERCIAL HAND-BOOK OF CHEMICAL ANALYSIS; being Practical Instructions for the determination of the Intrinsic or Commercial Value of Substances used in Manufactures in Trades and in the Arts.

By A. NORMANDY, and Editor of "Rose's Trades of Chemical Analysis.

The object of this work is to enable the Manufacturer, the Agriculturist, the Builder, the Artist, the Miner, and the public generally, of whatsoever trade or profession, to detect the Falsifications or Impurities which either naturally, accidentally, or intentionally, contaminate the various substances met with in commerce—to determine the amount of these impurities, and thus ascertain the real value, or actual amount, of available matter contained in the articles purchased by them.

George Knight and Sons, Foster-lane, London, and to be had of all bookselies.

George Knight and Sons, Foster-lane, London, and to be had of all bookseliers

NSURANCE AGAINST RAILWAY ACCIDENTS BY THE
RAILWAY PASSENGERS' ASSURANCE COMPANY.

Empowered by Act of Parliament, 12 and 13 Victoria, cap. 40.

Capital—One Million.

CHAIRMAN-JOHN DEAN PAUL, Esq. DEPUTY-CHAIRMAN-G. BERKELEY HARRISON, Esq.

DISPUTED LIFE POLICIES.

A trial of considerable interest to Life Assurance Offices and the public was concluded yesterday in the Court of Exchequer. The Eagle Company held a policy for an assurance of £539 in the Albion Company as security for an advance, the payment of which policy was now disputed by the Albion, on the ground that at the time it was effected the fact of the assured party having been a man of intemperate labits was concealed from the office. The chief evidence turned upon the question as to the degree of intemperance that had been exhibited, and the result was, that a vertilet was given against the resisting office, not only for the amount of the policy, but also for £40 interest from the date when it became due. The circumstance of the action being brought by one office against another, presents a striking illustration of the uncertainty which may attach to all policies under the present system, and shows that the only mode by which absolute exactive and of protecting themselves in every case by due inquiries before the granting of each policy, and of afterwards assuming the full responsibility of the completeness of nucl inquiries, by holding themselves precluded from raising any future question. In the present case two offices are found to be diametrically opposed in their opinions as to what can properly invalidate a claim, and yet the public are expected to be able to guard themselves against such configencies. Similar cases have occurred before, and even if they were more rare, they would seriously injure the progress of life assurance. The very principle upon which the business is founded is the removal of uncertainty, and whenever that principle is counteracted in the slightest degree, the people who would be the first to resort to its advantages are the first to be deterred. Times, July 11, 1850.

ONDON INDISPUTABLE LIFE POLICY COMPANY,

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don: Printed by Richard Middleton, and published by Henry English (the pro-rictors), at their offices, No. 26, Flert-Street, where all communications are re-used to be addressed. 4, 1800.